



Metcalf Energy Center

March 10, 2004

Mr. Steve Munro, Compliance Project Manager
California Energy Commission
1516 9th Street, MS 2000
Sacramento, CA 95814

**Subject: Metcalf Energy Center 99-AFC-3
Monthly Compliance Report #2, February 1 – February 29, 2004**

Dear Mr. Munro:

In accordance with the CEC Commission Decision, enclosed please find a Monthly Compliance Report (Report) and Compliance Matrix for the Metcalf Energy Center. This report is for the period February 1 – February 29, 2004.

The Report lists those Conditions of Certification that require submittal with the Monthly Compliance Report as stated in the Commission Decision. These submittals are listed in the Report and are attached.

A copy of this report is also being submitted to the library nearest the project site, Santa Teresa Branch Library, as required in the Commission Decision.

If you have any questions please call me at (408) 361-4830.

Sincerely,

Kristen O'Kane
Compliance Manager
Metcalf Energy Center

Enclosures

cc: Michael Argentine, Calpine
Nick LaPorte, Calpine
Sam McIntosh, Calpine
Document Control, Calpine
Don Wimberly, Willdan

**Metcalf Energy Center
99-AFC-2**

**Monthly Compliance Report #29
February 1 – February 29, 2004**

1. Project construction status

Foundations: Installing rebar and embeds for combustion turbine #2 foundation. Installed rebar for GSU foundations and walls. Installing rebar for cooling tower foundation. Installing rebar in cooling tower pump pit and pouring concrete. Poured steam turbine GSU firewall. Installed combustion turbine #1 pedestals.

Excavation: Continue excavation for duct banks and underground piping and manholes. Continue backfilling activities.

Equipment: Continued assembly of main condenser. Moved condenser and set onto foundation. Started erection of HRSG #2. Steam turbine bearings #1, 2 and 3 are set in place, working on wire alignment. Setting LP Turbine centering pins. Set in place combustion turbine #1. Prepare to set generators and combustion turbine pipe racks. Continue receiving HRSG panels and columns.

Underground Utilities Installation: Continued to install underground utilities including duct banks and piping.

Material Preservation: The combustion turbines and related equipment stored on site were inspected for long-term preservation. Maintaining plastic covers on tops of boxes to protect against winter rains. Preparing to bring combustion turbines, generators and other equipment out of long term storage.

Engineering: The engineering progress is approximately 98% complete (progress modified for change in scope and time extension). Engineering continues to support construction and preparation of subcontract packaging needs.

1) The following documents were issued by Burns and Roe Enterprises, Inc.:

- Issued DCS I/O List
- Issued Above-ground conduit drawings
- Issued Revised Insulation Specification

2) Engineering Tasks:

- Continue the following:
 - System Descriptions
 - Vendor drawing review
 - Continue with routing of cables
 - Continue with Switchyard Interface Coordination
- Complete the following:
 - Reissue valve list
 - Review hot piping supports

3) Major Equipment or Contracts

- The following equipment or contracts are in the bid process:
Above Ground Process Electrical & Instrumentation work.

Activities planned for March 2004

Foundations: Continue work on Combustion turbine foundations. Continue work on combustion turbine and generator foundations. Continue work on cooling tower foundations and pump pit. Continue on miscellaneous foundations for GSU's, PDC's and pipe rack piers.

Equipment: Continued assembly of main condenser. Continue erection of HRSG #2, steam turbine and combustion turbine generators. Start erection of HRSG #1. Set steam turbine generator.

Earthwork: Move spoils piles and provide support for underground piping and electrical installations. Backfill piping and electrical trenches as required.

Underground Piping: Continue underground piping installation in priority areas. Install piping embeds in foundations.

Underground Electrical: Continue installing duct banks throughout site and installing electrical embeds in combustion turbine foundation.

Material Receiving and Preservation: Continue material storage and preservation as appropriate. Start to receive additional material for construction of plant.

Engineering: The majority of the engineering effort in March will be cleaning up minor foundations and vendor electrical connections. Engineering will continue to support construction. Geiger Engineers will continue design of the screen wall.

MEC Litigation Update

1. STCAG lawsuit against the City: recycled water line (Final)
 - a. STCAG has sued to stop the City's construction of its preferred waterline route.
 - b. Hearing was held 6/20/02. Court rendered a decision in favor of City and Calpine.
 - c. STCAG appeal brief was filed in December. Calpine, the City of San Jose and the Santa Clara Valley Water District all filed responses. The CEC filed an amicus brief. STCAG has now filed a reply. Once a brief is filed, the Court can set the hearing at any time thereafter.
 - d. STCAG has requested that a date be set for Oral Argument and the Court will determine a date.
 - e. The Court has set a date of December 16, 2003 at 9:30 for the Oral Argument.

- f. On December 18, 2003, the Court of Appeals ruled in favor of Calpine and the City of San Jose on all grounds. STCAG has 40 days to ask for a rehearing or to petition the Supreme Court.
- g. A unanimous favorable published opinion was received from the three Judge panel in favor of the City of San Jose and Calpine. STCAG then requested a rehearing which was denied on January 13th.
- h. *No appeal was filed. The case is final.*

2. STCAG lawsuit against BAAQMD: San Francisco Superior Court (Pending)

- a. STCAG challenged the Bay Area Air Quality Management District (BAAQMD) issuance of the PSD permit.
 - i. Demurrers sustained. This order is now the subject of appeal. See below.
- b. First District Court of Appeals
 - i. On April 28, 2003, STCAG filed their Notice of Appeal, announcing their intent to file suit challenging the San Francisco Superior Court's decision.
 - ii. On June 11, 2003, the Appeals Court sent a notice that the Reporter's transcript on appeal has been completed and certified to the Court of Appeal. Pursuant to the Notice, we are waiting for a briefing schedule from the Court.
 - iii. On June 16, 2003, the Appeals Court sent a notice stating that Appellants' opening brief will be due 30 days from the date of the letter, or July 16, 2003.
 - iv. On July 11, 2003, Appellants filed a Motion for Extension of Time to File Brief.
 - v. On July 14, 2003, the Appeals Court granted Appellants' Motion for Extension until August 14, 2003.
 - vi. On September 8, 2003, Appellants filed their opening brief. Respondent's brief due on October 8, 2003.
 - vii. Received letter from the court on October 15, 2003 giving Respondents until October 30 to file briefs.
 - viii. Respondent California Energy Commission filed its brief on October 29, 2003.
 - ix. BAAQMD and Calpine filed their Respondents' briefs on October 30, 2003.
 - x. Appellants' Reply brief was due November 18, 2003.
 - xi. Appellants' Reply brief was originally due on November 18, 2003; however, Appellants requested and were granted an extension. Their Reply brief is now due on December 18, 2003.
 - xii. Appellants filed their Reply brief on December 22, 2003.
 - xiii. Appellants filed a letter with the court pursuant to Public Resources Code Section 21167.6(i) requesting the first available calendar date for a hearing.

- xiv. On December 30, 2003, the Appeals Court sent a notice setting January 9, 2004 at 5:00 p.m. as the deadline for requesting oral argument. Calpine will not be requesting oral argument.
- xv. On January 8, 2004, the Appeals Court dismissed the purported appeal based on an erroneous statement by the Clerk of the San Francisco Superior Court that there was no judgment entered in the original action. Appellants filed a Petition for Rehearing on January 23, 2004 and the Court reinstated the case on January 29, 2004. Waiting for notice regarding requests for oral argument.
- xvi. *On February 10, 2004, the CEC sent a letter to the Court of Appeals bringing their attention to a recent decision in the Sixth Appellate District regarding the jurisdiction to hear appeals of power plant proceedings. We are still awaiting a notice for oral argument.*

2. Documents required to be submitted with Monthly Compliance Report

CONDITION	SUMMARY
AQ-48	Summary of monthly activities related to the Fugitive Dust Control Plan is attached.
AQ-52	37 ultra-low sulfur diesel fuel receipts are attached.
AQ-52	Off-road diesel fired equipment usage lists are attached.
BIO-2	Designated Biologist's summary report is attached.
BIO-6	WEAT training was presented to 76 personnel.
CUL-5	WEAT training was presented to 76 personnel.
CUL-7	Weekly construction schedules are attached.
PAL-3	WEAT training was presented to 76 personnel.
PAL-4	A summary report is attached.
LAND-1	There is no update on trail developments.
SOCIO-1	List of planned procurement of materials and hiring outside the local regional area is attached.
SOIL&WATER-1	Gallons of well water used during the month =58,422.86.
GEN-2	Updated drawing list is available upon request.
GEN-3	Payments totaling \$139,901.54 were made to the CBO in February.
TRANS-1	4 oversize/overweight permits obtained.

3. Compliance matrix

A Compliance Matrix is attached.

**4. Conditions that have been satisfied during the reporting period
(CBO submittals and approvals can be found in #12)**

SOIL&WATER-2 and 3	Submitted storm water pollution prevention plan and erosion control plan for construction of the sewer line and potable water line.
SOIL&WATER-4	Submitted Santa Clara Valley Water District permit extensions
BIO-7	Submitted Streambed Alteration Agreement permit extension
WASTE-5	Submitted report from Geologist.

5. Submittal deadlines not met

- There are no overdue submittals.

6. Approved COC changes

- A request for amendment was submitted 11/30/01 and approved 12/21/01. The amendment allows for an additional 14 acres of laydown area south of Blanchard Road and west of the railroad tracks.
- An amendment was approved on 8/28/02 to allow the originally certified 10.2-mile recycled water line to be replaced with a 1000-foot lateral interconnection line of the same capacity.
- An insignificant project change to add 4 acres of additional parking area was approved on 12/17/03.

7. Filings or permits with other agencies

- A Streambed Alteration Agreement extension was received from the Department of Fish and Game to install the gas line under Coyote Creek.

8. Projection of project compliance activities for next two months.

CONDITION	SUMMARY
AQ-48	Will follow dust mitigation measures.
AQ-49 and 50	Dust will be monitored and activities recorded.
CUL-5	Training will be provided as needed.
CUL-7	Will submit weekly schedule to resource specialists.
CUL-8	Cultural specialist will perform required duties when necessary.
CUL-9	Cultural specialist will perform required duties when necessary.
BIO-2	Biologist will perform required duties when necessary.
BIO-6	Training will be provided as needed.
PAL-3	Training will be provided as needed.
PAL-4	Paleo specialist will perform required duties when necessary.
BIO-7	Will submit copy of SAA permit extension.

VIS-6	Will submit screening plans.
AQ-55	Will submit plans, specifications and drawings of combustion equipment.
TRANS-5&7	Will submit traffic and parking plan for gas pipeline construction.
TRAN-6	Will submit photos of roadways affected by linears.
LAND-7	Will submit areas of planned laydown during construction of gas pipeline.
HAZ-4	Will submit drawing and specifications for ammonia tank and secondary containment.
SOILandWATER-2&3	Will submit SWPPP for gas pipeline construction.

9. Additions to on-site compliance file

- Silt fence inspection logs
- Straw bale and wattle inspection logs
- Erosion and sediment control inspection logs
- Water truck (dust control) logs
- Biological monitor daily logs
- WEAT training logs
- Daily logs (fugitive dust and public road inspections)
- Ultra low sulfur fuel receipts
- Oversize/overweight permits

10. Requests to dispose of items in compliance file

None

11. Listing of complaints, notices of violations, official warnings, and citations

Listing of calls received on MEC public information line

None.

12. List of facility design submittals, comments and approvals to CBO

Submittal matrix attached. CBO comments were received during the month and are attached.

CBO Approvals:

- ELEC-2, Electrical Lighting Plan, 14 drawings
- MECH-1, Fire Risk Evaluation Plan, Specifications, Drawings

CONDITION OF CERTIFICATION AQ-48
SUMMARY OF FUGITIVE DUST MITIGATION ACTIVITIES

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT

Summary of monthly activities related to the Fugitive Dust Control Plan:

The site was monitored daily for fugitive dust and for tracked material onto public roads. Logs are kept on file as part of the Storm Water Pollution Prevention Plan. The following activities were employed during the month of February:

- Sweeper on site majority of days in February.
- Tire wash use required before exiting site.
- Application of hydroseed planned for March.
- Covered common fill soil stockpile with plastic.

CONDITION OF CERTIFICATION AQ-52
ULTRA-LOW SULFUR FUEL RECEIPTS

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT

VALLEY OIL CO.

785 YUBA DRIVE, OFFICE CAMINO REAL • P.O. BOX 1666
MOUNTAIN VIEW, CA 94042 (950) 967-2253

DELIVERY RECEIPT

445283

4441

O. C. McDONALD CO., INC.
P O BOX 26560
SAN JOSE CA 95126

SOLVENTS
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CARD SYSTEMS
CHEVRON PRODUCTS



Mobil

ARCO

UNION

TELEPHONE

ICB NO. P.O. NO.

DATE

2/2/04

DELIVER TO

FEB 02 2004

QTY/ORD. D.	QTY/LOAD	DESCRIPTION	QTY/DEL. D.	UNIT PRICE	AMOUNT
		DIESEL FUEL, 3, NA 1993, PG III			
		CARB DIESEL			
		FEDERAL EXCISE TAX			
		STATE USE TAX			
		DIESEL FUEL, 3, NA 1993, PG III			
		CARB DYED DIESEL	93		
		THIS PRODUCT IS DYED DIESEL FUEL, NONTAXABLE USE ONLY; PENALTY FOR TAXABLE USE. THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR, CETANE INDEX, OR AROMATIC CONTENT.			
		GASOLINE, 3, UN 1203, PG II			
		UNLEADED	73		
		GASOLINE, 3, UN 1203, PG II			
		UNLEADED PLUS			
		GASOLINE, 3, UN 1203, PG II			
		PREMIUM UNLEADED			
		KEROSENE, 3, UN 1223, PG III			
		2 generators 5 welders, 3 l. H.S.			
		gas cars, trucks, compressor			
		other misc.			
		CALIFORNIA OIL RECYCLING FEE			.16
		DIESEL SALES TAX PREPAY			
		SG GH 78-005855			
		GASOLINE SALES TAX PREPAY			
		SG GH 78-005855			

CREDIT-TERMS: NET 10 DAYS. The unpaid balance remaining 10 days after the delivery date is subject to a service charge of 2% per month, which is an annual percentage rate of 24% applied to the unpaid balance. In the event Valley Oil Co. must undertake action to collect these charges, customer agrees to pay all costs of collection including reasonable attorney fees.

SUB-TOTAL

CASH

CHECK NO.

CHARGE

% SALES TAX

DRUM DEPOSIT

DELIVERED

RETURNED

NET CHANGE

VALLEY OIL CO.

785 YUBA DRIVE, OFF-EL CAMINO REAL • P.O. BOX 1655
MOUNTAIN VIEW, CA 94042 • (650) 967-2253

DELIVERY RECEIPT

449181

4441

O C MCDONALD CO., INC.
P O BOX 24560
SAN JOSE CA 95126

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Mobil

ARCO

union

TELEPHONE

JOB NO./P.O. NO.

DATE

21 4 104

DELIVER TO

Alameda Power Plant

QTY/ORD/ID QTY/LOAD	DESCRIPTION	UNIT	PRICE	AMOUNT
	DIESEL FUEL, 3, NA 1993, PG II			
	CARB DIESEL			
	FEDERAL EXCISE TAX			
	STATE USE TAX			
150	DIESEL FUEL, 3, NA-1993, PG II			
	CARB DYED DIESEL			
	THIS PRODUCT IS DYED DIESEL FUEL, NONTAXABLE USE ONLY, PENALTY FOR TAXABLE USE. THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR, CETANE INDEX, OR AROMATIC CONTENT.			
100	GASOLINE, 3, UN 1203, PG II			
	UNLEADED	71		
	GASOLINE, 3, UN 1203, PG II			
	UNLEADED PLUS			
	GASOLINE, 3, UN 1203, PG II			
	PREMIUM UNLEADED			
	KEROSENE, 3, UN 1223, PG III			
	2 generators, 4 l.h.s. 6 welders			
	gas cars, machine, compressor,			
	other misc. trucks			
	CALIFORNIA OIL RECYCLING FEE		.16	
	DIESEL: SALES TAX PREPAY SG GH 78-005855			
	GASOLINE: SALES TAX PREPAY SG GH 78-005855			

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SUB-TOTAL

☐ CASH ☐ CHECK NO. ☒ CHARGE

% SALES TAX

DRUM DEPOSIT

DELIVERED

RETURNED

NET CHANGE

VALLEY OIL CO.

447931

785 YUBA DRIVE, OFF EL CAMINO REAL • P.O. BOX 1855
MOUNTAIN VIEW, CA 94042 • (850) 987-2253



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LUBE OILS
CARD SYSTEMS
CHEVRON PRODUCTS

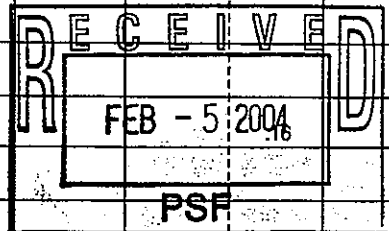


TELEPHONE _____ JOB NO./P.O. NO. _____ DATE 2/5/04

DELIVER TO Half Power Plant

San Jose

QTY. ORD'D	DESCRIPTION	QTY. DEL'D	UNIT PRICE	AMOUNT
	DIESEL FUEL, 3, NA 1993, PG III			
	CARB DIESEL			
	FEDERAL EXCISE TAX			
	STATE USE TAX			
<u>150</u>	DIESEL FUEL, 3, NA 1993, PG III	<u>114</u>		
	CARB DYED DIESEL			
	THIS PRODUCT IS DYED DIESEL FUEL, NONTAXABLE USE ONLY, PENALTY FOR TAXABLE USE. THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR, CETANE INDEX, OR AROMATIC CONTENT.			
	GASOLINE, 3, UN 1203, PG II			
	UNLEADED			
	GASOLINE, 3, UN 1203, PG II			
	UNLEADED PLUS			
	GASOLINE, 3, UN 1203, PG II			
	PREMIUM UNLEADED			
	KEROSENE, 3, UN 1223, PG III			
	Big generator	40 gals		
	Crane	9 gals		
	Forklift	12 gals		
	Small generator	26 gals		
	Drums	27		
	CALIFORNIA OIL RECYCLING FEE			
	DIESEL: SALES TAX PREPAY SG GH 78-005855			
	GASOLINE: SALES TAX PREPAY SG GH 78-005855			



CREDIT TERMS: NET 10 DAYS. The unpaid balance remaining 10 days after the delivery date is subject to a service charge of 2% per month, which is an annual percentage rate of 24% applied to the unpaid balance. In the event Valley Oil Co. must undertake action to collect these charges, customer agrees to pay all costs of collection including reasonable attorney fees.

☐ CASH ☐ CHECK NO. _____ ☒ CHARGE

DRUM DEPOSIT _____ DELIVERED _____ RETURNED _____

SUB-TOTAL _____ % SALES TAX _____ NET CHANGE _____

X [Signature]
CUSTOMER'S SIGNATURE

PSF

VALLEY OIL CO.

785 YUBA DRIVE, OFF EL CAMINO REAL • P.O. BOX 1655
MOUNTAIN VIEW, CA 94042 (650) 967-2253

DELIVERY RECEIPT

448549



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ARCO
UNION

TELEPHONE _____ JOB NO./P.O. NO. _____ DATE 2 3 1 02

DELIVER TO

Metallurgical Plant

SAN JOSE

QTY ORD'D	DESCRIPTION	QTY DEL'D	UNIT PRICE	AMOUNT
	DIESEL FUEL, 3, NA 1993, PG III			
	CARB DIESEL			
	FEDERAL EXCISE TAX			
	STATE USE TAX			
	DIESEL FUEL, 3, NA 1993, PG III	<u>220</u>	<u>6.11028</u>	
	CARB DYED DIESEL	<u>220</u>		
	THIS PRODUCT IS DYED DIESEL FUEL, NONTAXABLE USE ONLY. PENALTY FOR TAXABLE USE. THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR, CETANE INDEX, OR AROMATIC CONTENT.			
	GASOLINE, 3, UN 1203, PG II			
	UNLEADED			
	GASOLINE, 3, UN 1203, PG II			
	UNLEADED PLUS			
	GASOLINE, 3, UN 1203, PG II			
	PREMIUM UNLEADED			
	KEROSENE, 3, UN 1223, PG III			
	<u>Crane</u> =	<u>10</u>		
	<u>1st Generator</u> =	<u>80</u>		
	<u>L.F.L.</u> =	<u>05</u>		
	<u>2nd Generator</u>	<u>112</u>		
	<u>Compressor</u>	<u>13</u>		
	CALIFORNIA OIL RECYCLING FEE			.16
	DIESEL: SALES TAX PREPAY SG GH 78-005855			
	GASOLINE: SALES TAX PREPAY SG GH 78-005855			

RECEIVED
FEB - 3 2004
PSF

CREDIT TERMS: NET 10 DAYS. The unpaid balance remaining 10 days after the delivery date is subject to a service charge of 2% per month, which is an annual percentage rate of 24% applied to the unpaid balance. In the event Valley Oil Co. must undertake action to collect these charges, customer agrees to pay all costs of collection including reasonable attorney fees.

☐ CASH ☐ CHECK NO. ☒ CHARGE
DRUM DEPOSIT ☐ DELIVERED ☐ RETURNED
X Customer Signature
CUSTOMER'S SIGNATURE

SUB-TOTAL
% SALES TAX
NET CHANGE
TOTAL

VALLEY OIL CO.

785 YUBA DRIVE, OFF EL CAMINO REAL
MOUNTAIN VIEW, CA 94042

P.O. BOX 1655
(650) 967-2253

DELIVERY RECEIPT

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O C MCDONALD CO., INC.
P O BOX 26560
SAN JOSE CA 95126



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CARD SYSTEMS
CHEVRON PRODUCTS

TELEPHONE

JOB NO./P.O. NO.

DATE

2/6/04

DELIVER TO

Motors Power Plant

San Jose

QTY	ORDID	DESCRIPTION	QTY	PRICE	AMOUNT
		DIESEL FUEL, 3, NA 1993, PG III			
		CARB DIESEL			
		FEDERAL EXCISE TAX			
		STATE USE TAX			
100		DIESEL FUEL, 3, NA 1993, PG III	82		
		CARB DYED DIESEL			
		THIS PRODUCT IS DYED DIESEL FUEL, NONTAXABLE USE ONLY, PENALTY FOR TAXABLE USE. THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR, CETANE INDEX, OR AROMATIC CONTENT.			
60		GASOLINE, 3, UN 1203, PG II	61		
		UNLEADED			
		GASOLINE, 3, UN 1203, PG II			
		UNLEADED PLUS			
		GASOLINE, 3, UN 1203, PG II			
		PREMIUM UNLEADED			
		KEROSENE, 3, UN 1223, PG III			
		2 generators, 4 lifts			
		6 welders, gas cans, trucks, machines, compressor, other misc			
		CALIFORNIA OIL RECYCLING FEE			.16
		DIESEL: SALES TAX PREPAY SG GH 78-005855			
		GASOLINE: SALES TAX PREPAY SG GH 78-005855			

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SUB-TOTAL

☐ CASH ☐ CHECK NO. ☒ CHARGE

% SALES TAX

DRUM DEPOSIT

DELIVERED

RETURNED

NET CHANGE

VALLEY OIL CO.

785 YUBA DRIVE, OFF EL CAMINO REAL
MOUNTAIN VIEW, CA 94042

DELIVERY RECEIPT

448377

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O C MCDONALD & CO. INC.
P O BOX 265
SAN JOSE CA 95126

FEB 09 2004



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union

SG VENTS

LUBE OILS

CARB SYSTEMS

CHEVRON PRODUCTS

TELEPHONE

JOB NO./P.O. NO.

DATE

2.19.04

DELIVER TO

INTOAL KOUCC HAIT

SAN JOSE

QTY. QRD'D QTY./LOAD	DESCRIPTION	QTY. DEL'D	UNIT PRICE	AMOUNT
	DIESEL FUEL, 3, NA-1993, PG III CARB DIESEL			
	FEDERAL EXCISE TAX			
	STATE USE TAX			
150	DIESEL FUEL, 3, NA-1993, PG III CARB DYED DIESEL	71		
	THIS PRODUCT IS DYED DIESEL FUEL, NONTAXABLE USE ONLY, PENALTY FOR TAXABLE USE. THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR, CETANE INDEX, OR AROMATIC CONTENT.			
	GASOLINE, 3, UN 1203, PG II UNLEADED	68		
	GASOLINE, 3, UN 1203, PG II UNLEADED PLUS			
	GASOLINE, 3, UN 1203, PG II PREMIUM UNLEADED			
	KEROSENE, 3, UN 1223, PG III			
	2 generators, 4 lifts, 6 welders, compressor's gas cons. machines, trucks, otherwise.			
	CALIFORNIA OIL RECYCLING FEE		.16	
	DIESEL: SALES TAX PREPAY SG GH 78-005855			
	GASOLINE: SALES TAX PREPAY SG GH 78-005855			

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SUB-TOTAL

☐ CASH ☐ CHECK NO. ☒ CHARGE

% SALES TAX

DRUM DEPOSIT

DELIVERED

RETURNED

NET CHANGE

TOTAL

VALLEY OIL CO.

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448614

Alliance

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CHEVRON PRODUCTS



TELEPHONE _____ JOB NO./P.O. NO. _____ DATE 2/9/0

DELIVER TO PSF
Mountain View Plant
San Jose

QTY ORD'D	DESCRIPTION	QTY DEL'D	UNIT PRICE	AMOUNT
	DIESEL FUEL, 3, NA 1993, PG III			
	CARB DIESEL			
	FEDERAL EXCISE TAX			
	STATE USE TAX			
<u>150</u>	DIESEL FUEL, 3, NA 1993, PG III	<u>222</u>		
	CARB DYED DIESEL			
	THIS PRODUCT IS DYED DIESEL FUEL, NONTAXABLE USE ONLY. PENALTY FOR TAXABLE USE. THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR, CETANE INDEX, OR AROMATIC CONTENT.			
	GASOLINE, 3, UN 1203, PG II			
	UNLEADED			
	GASOLINE, 3, UN 1203, PG II			
	UNLEADED PLUS			
	GASOLINE, 3, UN 1203, PG II			
	PREMIUM UNLEADED			
	KEROSENE, 3, UN 1223, PG III			
	<u>2500 LITERS</u>			
	<u>Condensate</u>			
	<u>Compressor</u>			
	<u>Welding</u>			
	<u>Drum</u>			
	CALIFORNIA OIL RECYCLING FEE			
	DIESEL: SALES TAX PREPAY SG GH 78-005855			
	GASOLINE: SALES TAX PREPAY SG GH 78-005855			

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FEB 16 2004
PSF

CREDIT TERMS: NET 10 DAYS. The unpaid balance remaining 10 days after the delivery date is subject to a service charge of 2% per month, which is an annual percentage rate of 24% applied to the unpaid balance. In the event Valley Oil Co. must undertake action to collect these charges, customer agrees to pay all costs of collection including reasonable attorney fees.

☐ CASH ☐ CHECK NO. _____ ☒ CHARGE

DRUM DEPOSIT _____ DELIVERED _____ RETURNED _____

X 11111111

SUB-TOTAL _____
% SALES TAX _____
NET CHANGE _____
TOTAL _____

VALLEY OIL CO.

449226



**SOLVENTS
LUBE OILS
CARD SYSTEMS
CHEVRON PRODUCTS**



Mo
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JOB NO./P.O. NO.

DATE 2, 12, 10

DELIVER
TO

Mediocal Power Plant
METCALF

San Jose

[illegible]

CREDIT TERMS: NET 10 DAYS. The unpaid balance remaining 10 days after the delivery date is subject to a service charge of 2% per month, which is an annual percentage rate of 24% applied to the unpaid balance. In the event Valley Oil Co. must undertake action to collect these charges, customer agrees to pay all costs of collection including reasonable attorney fees.

SUB-TOTAL

☐ CASH ☐ CHECK NO. ☒ CHARGE

% SALES TAX

DRUM DEPOSIT	DELIVERED	RETURNED
--------------	-----------	----------

NET CHANGE

X

TOTAL

44970

785 YUBA DRIVE, OFF EL CAMINO REAL • P.O. BOX 1655
MOUNTAIN VIEW, CA 94042 • (650) 967-2253

P. S. F



SOLVENTS
LUBE OILS
CARD SYSTEMS
CHEVRON PRODUCTS



M
ARC
UP

TELEPHONE

JOB NO./P.O. NO.

DATE _____

2/19/0

DELIVER
TO

power plant

ment of P. 1
Blanchard

San Tos

[illegible]

CREDIT TERMS: NET 10 DAYS. The unpaid balance remaining 10 days after the delivery date is subject to a service charge of 2% per month, which is an annual percentage rate of 24% applied to the unpaid balance. In the event Valley Oil Co. must undertake action to collect these charges, customer agrees to pay all costs of collection including reasonable attorney fees.

SUB-TOTAL

☐ CASH ☐ CHECK NO. _____ ☐ CHARGE

SALES TAX	
1	SALES TAX
2	TAX RATE
3	TAX AMOUNT
4	TOTAL TAX
5	TOTAL TAX
6	TOTAL TAX
7	TOTAL TAX
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97	TOTAL TAX
98	TOTAL TAX
99	TOTAL TAX
100	TOTAL TAX

DRUM DEPOSIT

DELIVERED

RETURNED

NET CHANGE

VALLEY OIL CO.

785 YUBA DRIVE, OFF EL CAMINO REAL • P.O. BOX 1655
MOUNTAIN VIEW, CA 94042 • (650) 967-2253

449576



SOLVENTS
LUBE OILS
CARD SYSTEMS
CHEVRON PRODUCTS

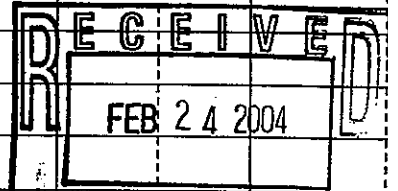


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TELEPHONE _____ JOB NO./P.O. NO. _____ DATE 2/24/04

DELIVER TO San Jose Power Plant

QTY. OR'D	DESCRIPTION	QTY. DEL'D	UNIT PRICE	AMOUNT
	DIESEL FUEL, 3, NA 1993, PG III			
	CARB DIESEL			
	FEDERAL EXCISE TAX			
	STATE USE TAX			
<u>150</u>	<u>DIESEL FUEL, 3, NA 1993, PG III</u> CARB DYED DIESEL	<u>179</u>		
	THIS PRODUCT IS DYED DIESEL FUEL, NONTAXABLE USE ONLY, PENALTY FOR TAXABLE USE. THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR, CETANE INDEX, OR AROMATIC CONTENT.			
	GASOLINE, 3, UN 1203, PG II			
	UNLEADED			
	GASOLINE, 3, UN 1203, PG II			
	UNLEADED PLUS			
	GASOLINE, 3, UN 1203, PG II			
	PREMIUM UNLEADED			
	KEROSENE, 3, UN 1223, PG III			
	<u>Big generator</u>	<u>145</u>		
	<u>Crane</u>	<u>5</u>		
	<u>Forklift</u>	<u>17</u>		
	<u>Welders</u>	<u>12</u>		
	CALIFORNIA OIL RECYCLING FEE			.16
	DIESEL: SALES TAX PREPAY SG GH 78-005855			
	GASOLINE: SALES TAX PREPAY SG GH 78-005855			



CREDIT TERMS: NET 10 DAYS. The unpaid balance remaining 10 days after the delivery date is subject to a service charge of 2% per month, which is an annual percentage rate of 24% applied to the unpaid balance. In the event Valley Oil Co. must undertake action to collect these charges, customer agrees to pay all costs of collection including reasonable attorney fees.

☐ CASH ☐ CHECK NO. _____ ☒ CHARGE

DRUM DEPOSIT DELIVERED RETURNED

SUB-TOTAL
% SALES TAX
NET CHANGE

xm1 Parhaco

TOTAL

NET CHANGE

VALLEY OIL CO.

785 YUBA DRIVE, OFF EL CAMINO REAL • P.O. BOX 1655
MOUNTAIN VIEW, CA 94042 • (650) 967-2253

DELIVERY RECEIPT

449516

4441

O. C. McDONALD CO., INC.

P.O. BOX 26560

SAN JOSE, CA

RECEIVED

FEB 18 2004

SOLVENTS

BASE OILS

CARD SYSTEMS

CHEVRON PRODUCTS



Mobil



union

TELEPHONE

JOB NO. / P.O. NO.

DATE

2 / 18 / 04

DELIVER TO

McDonald's

SAN JOSE

QTY/LOAD	DESCRIPTION	QTY/DEL'D	UNIT PRICE	AMOUNT
	DIESEL FUEL, 3, NA, 1993, PG. III			
	CARB DIESEL			
	FEDERAL EXCISE TAX			
	STATE USE TAX			
	DIESEL FUEL, 3, NA, 1993, PG. III			
	CARB DYED DIESEL	38		
	THIS PRODUCT IS DYED DIESEL FUEL, NONTAXABLE USE ONLY. PENALTY FOR TAXABLE USE. THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR, CETANE INDEX, OR AROMATIC CONTENT.			
	GASOLINE, 3, UN, 1203, PG. II			
	UNLEADED	80		
	GASOLINE, 3, UN, 1203, PG. II			
	UNLEADED PLUS			
	GASOLINE, 3, UN, 1203, PG. II			
	PREMIUM UNLEADED			
	KEROSENE, 3, UN, 1223, PG. III			
	2 generators, 6 welder, 4 lifts			
	gas, cons, machines, trucks, air			
	compressor, other misc.			
	CALIFORNIA OIL RECYCLING FEE			.16
	DIESEL SALES TAX PREPAY SG GH 78-005855			
	GASOLINE SALES TAX PREPAY SG GH 78-005855			

CREDIT TERMS: NET 10 DAYS - The unpaid balance, remaining 10 days after the delivery date is subject to a service charge of 2% per month, which is an annual percentage rate of 24% applied to the unpaid balance. In the event Valley Oil Co. must undertake action to collect these charges, customer agrees to pay all costs of collection including reasonable attorney fees.

SUB-TOTAL

☐ CASH

☐ CHECK NO.

☒ CHARGE

% SALES TAX

DRUM DEPOSIT

DELIVERED

RETURNED

NET CHANGE

VALLEY OIL CO.

78 YUBA DRIVE, OFF EL CAMINO REAL • P.O. BOX 1655
MOUNTAIN VIEW, CA 94042 • (650) 1967-2253

DELIVERY RECEIPT

449269

4461
O C MCDONALD CO., INC.
P.O. BOX 26560
SAN JOSE CA 95126



SOLVENTS
LUBE OILS
CARD SYSTEMS
SAFETY PRODUCTS



RECEIVED

TELEPHONE: _____ JOB NO./P.O. NO.: _____ DATE: 2/13/01
DELIVER TO: McDonald's Power Plant

QTY/LOAD	DESCRIPTION	QTY/DEL'D	UNIT PRICE	AMOUNT
	DIESEL FUEL 3 NA 1993 PG III			
	CARB DIESEL			
	FEDERAL EXCISE TAX			
	STATE USE TAX			
	DIESEL FUEL 4 NA 1998 PG III			
	CARB DYED DIESEL	74		
	THIS PRODUCT IS DYED DIESEL FUEL, NONTAXABLE USE ONLY. PENALTY FOR TAXABLE USE. THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR, CETANE INDEX, OR AROMATIC CONTENT.			
	GASOLINE 3 UN 1203 PG II	37		
	UNLEADED			
	GASOLINE 3 UN 1203 PG II			
	UNLEADED PLUS			
	GASOLINE 3 UN 1203 PG II			
	PREMIUM UNLEADED			
	KEROSENE 3 UN 1223 PG III			
	6 generators, 4 lights to welders			
	air compressor, gas can, trucks,			
	machines, other misc.			
	CALIFORNIA OILS RECYCLING FEE		.16	
	DIESEL SALES TAX PREPAY SG GH-78-005855			
	GASOLINE SALES TAX PREPAY SG GH-78-005855			

CREDIT TERMS: NET 10 DAYS. The unpaid balance remaining 10 days after the delivery date is subject to a service charge of 2% per month, which is an annual percentage rate of 24% applied to the unpaid balance. In the event Valley Oil Co. must undertake action to collect these charges, customer agrees to pay all costs of collection including reasonable attorney fees.

☐ CASH ☐ CHECK NO. _____ ☒ CHARGE
% SALES TAX _____
DRUM DEPOSIT _____ DELIVERED _____ RETURNED _____ NET CHANGE _____

DELIVERY RECEIPT

VALLEY OIL CO.

450334

785 LUBA DRIVE OFFEL CAMINO REAL P.O. BOX 1655
MOUNTAIN VIEW CA 94042 (415) 967-2253

RECEIVED



4441

FEB 25 2001

O C MCDONALD CO. INC.

P O BOX 26560

SAN JOSE CA 95126

SOLVENTS

LUBE OILS

CARD SYSTEMS

CHEVRON PRODUCTS



Mobil



union

TELEPHONE

JOB NO./P.O. NO.

DATE

2/25/01

DELIVER
TO

William Power Plant

San Jose

QTY/ORD'D	DESCRIPTION	QTY/DEL'D	UNIT PRICE	AMOUNT
	DIESEL FUEL 3, NA 1993, PG III			
	CARB DIESEL			
	FEDERAL EXCISE TAX			
	STATE USE TAX			
	DIESEL FUEL 3, NA 1993, PG III			
	CARB DYED DIESEL	72		
	THIS PRODUCT IS DYED DIESEL FUEL. NONTAXABLE USE ONLY. PENALTY FOR TAXABLE USE. THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR, CETANE INDEX, OR AROMATIC CONTENT.			
	GASOLINE 3, UN 1203, PG II			
	UNLEADED	65		
	GASOLINE 3, UN 1203, PG II			
	UNLEADED PLUS			
	GASOLINE 3, UN 1203, PG II			
	PREMIUM UNLEADED			
	KEROSENE 3, UN 1223, PG III			
	2 generators 4 lifts 6 welders			
	air compressor gas cans, trucks			
	machines + other misc.			
	CALIFORNIA OIL RECYCLING FEE		.16	
	DIESEL SALES TAX PREPAY SG GH-78-005855			
	GASOLINE SALES TAX PREPAY SG GH-78-005855			

CREDIT TERMS: NET 10 DAYS. The unpaid balance remaining 10 days after the delivery date is subject to a service charge of 2% per month, which is an annual percentage rate of 24% applied to the unpaid balance. In the event Valley Oil Co. must undertake action to collect these charges, customer agrees to pay all costs of collection including reasonable attorney fees.

SUB-TOTAL



CASH



CHECK NO.



CHARGE

% SALES TAX

DRUM/DEPOSIT

DELIVERED

RETURNED

NET CHANGE

VALLEY OIL CO.

745 YUBA DRIVE, OFF EL CAMINO REAL • P.O. BOX 1655
MOUNTAIN VIEW, CA 94042 • (650) 967-2253

4441

O.C. McDONALD CO., INC.
P.O. BOX 26560
SAN JOSE CA 95126

DELIVERY RECEIPT

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SOLVENTS
LUBE OILS
CARD SYSTEMS
CHEVRON PRODUCTS



Mobil



union

TELEPHONE

JOB NO./P.O. NO.

DATE

2 / 20 / 04

DELIVER TO

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FEB 20 2004

QTY/LOAD	DESCRIPTION	QTY DELIV	UNIT PRICE	AMOUNT
	DIESEL FUEL 3, NA 1993, PG III			
	CARB DIESEL			
	FEDERAL EXCISE TAX			
	STATE USE TAX			
	DIESEL FUEL 3, NA 1993, PG III			
	CARB DYED DIESEL	72		
	THIS PRODUCT IS DYED DIESEL FUEL, NONTAXABLE USE ONLY; PENALTY FOR TAXABLE USE. THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR, CETANE INDEX, OR AROMATIC CONTENT.			
	GASOLINE 3, UN 1203, PG II			
	UNLEADED	61		
	GASOLINE 3, UN 1203, PG II			
	UNLEADED PLUS			
	GASOLINE 3, UN 1203, PG II			
	PREMIUM UNLEADED			
	KEROSENE 3, UN 1223, PG III			
	1 generator, 3 lifts, air compressor, blowers, gas cans, trucks, machines, other misc.			
	CALIFORNIA OIL RECYCLING FEE			.16
	DIESEL SALES TAX PREPAY SG GH 78-005855			
	GASOLINE SALES TAX PREPAY SG GH 78-005855			

CREDIT TERMS: NET 10 DAYS. The unpaid balance remaining 10 days after the delivery date is subject to a service charge of 2% per month, which is an annual percentage rate of 24% applied to the unpaid balance. In the event Valley Oil Co. must undertake action to collect these charges, customer agrees to pay all costs of collection including reasonable attorney fees.

SUB-TOTAL

☐ CASH ☐ CHECK NO. ☒ CHARGE

% SALES TAX

DRUM DEPOSIT

DELIVERED

RETURNED

NET CHANGE

VALLEY OIL CO.

785 YUBA DRIVE, OFF EL CAMINO REAL •
MOUNTAIN VIEW, CA 94042 •

P.O. BOX 1855
(650) 967-2253

45074



SOLVENTS
LUBE OILS
CARD SYSTEMS
CHEVRON PRODUCTS



ARC

TELEPHONE

JOB NO./P.O. NO.

DATE 2, 26,

DELIVER
TO

Nuclear Power Plant

SAN TUSO

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CREDIT TERMS: NET 10 DAYS. The unpaid balance remaining 10 days after the delivery date is subject to a service charge of 2% per month, which is an annual percentage rate of 24% applied to the unpaid balance. In the event Valley Oil Co. must undertake action to collect these charges, customer agrees to pay all costs of collection including reasonable attorney fees.

SUB-TOTAL

☐ CASH ☐ CHECK NO

☒ CHARGE

DATE	DESCRIPTION	AMOUNT	% SALES TAX
11/1/80	SALES	100.00	10.00
11/2/80	SALES	150.00	15.00
11/3/80	SALES	200.00	20.00
11/4/80	SALES	250.00	25.00
11/5/80	SALES	300.00	30.00
11/6/80	SALES	350.00	35.00
11/7/80	SALES	400.00	40.00
11/8/80	SALES	450.00	45.00
11/9/80	SALES	500.00	50.00
11/10/80	SALES	550.00	55.00
11/11/80	SALES	600.00	60.00
11/12/80	SALES	650.00	65.00
11/13/80	SALES	700.00	70.00
11/14/80	SALES	750.00	75.00
11/15/80	SALES	800.00	80.00
11/16/80	SALES	850.00	85.00
11/17/80	SALES	900.00	90.00
11/18/80	SALES	950.00	95.00
11/19/80	SALES	1000.00	100.00
11/20/80	SALES	1050.00	105.00
11/21/80	SALES	1100.00	110.00
11/22/80	SALES	1150.00	115.00
11/23/80	SALES	1200.00	120.00
11/24/80	SALES	1250.00	125.00
11/25/80	SALES	1300.00	130.00
11/26/80	SALES	1350.00	135.00
11/27/80	SALES	1400.00	140.00
11/28/80	SALES	1450.00	145.00
11/29/80	SALES	1500.00	150.00
11/30/80	SALES	1550.00	155.00
12/1/80	SALES	1600.00	160.00
12/2/80	SALES	1650.00	165.00
12/3/80	SALES	1700.00	170.00
12/4/80	SALES	1750.00	175.00
12/5/80	SALES	1800.00	180.00
12/6/80	SALES	1850.00	185.00
12/7/80	SALES	1900.00	190.00
12/8/80	SALES	1950.00	195.00
12/9/80	SALES	2000.00	200.00
12/10/80	SALES	2050.00	205.00
12/11/80	SALES	2100.00	210.00
12/12/80	SALES	2150.00	215.00
12/13/80	SALES	2200.00	220.00
12/14/80	SALES	2250.00	225.00
12/15/80	SALES	2300.00	230.00
12/16/80	SALES	2350.00	235.00
12/17/80	SALES	2400.00	240.00
12/18/80	SALES	2450.00	245.00
12/19/80	SALES	2500.00	250.00
12/20/80	SALES	2550.00	255.00
12/21/80	SALES	2600.00	260.00
12/22/80	SALES	2650.00	265.00
12/23/80	SALES	2700.00	270.00
12/24/80	SALES	2750.00	275.00
12/25/80	SALES	2800.00	280.00
12/26/80	SALES	2850.00	285.00
12/27/80	SALES	2900.00	290.00
12/28/80	SALES	2950.00	295.00
12/29/80	SALES	3000.00	300.00
12/30/80	SALES	3050.00	305.00
12/31/80	SALES	3100.00	310.00
1/1/81	SALES	3150.00	315.00
1/2/81	SALES	3200.00	320.00
1/3/81	SALES	3250.00	325.00
1/4/81	SALES	3300.00	330.00
1/5/81	SALES	3350.00	335.00
1/6/81	SALES	3400.00	340.00
1/7/81	SALES	3450.00	345.00
1/8/81	SALES	3500.00	350.00
1/9/81	SALES	3550.00	355.00
1/10/81	SALES	3600.00	360.00
1/11/81	SALES	3650.00	365.00
1/12/81	SALES	3700.00	370.00
1/13/81	SALES	3750.00	375.00
1/14/81	SALES	3800.00	380.00
1/15/81	SALES	3850.00	385.00
1/16/81			

DRUM/DEPOSIT

DELIVERED

RETURNED

NET CHANGE

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7301

785 YUBA DRIVE, OFF EL CAMINO REAL • P.O. BOX 1655
MOUNTAIN VIEW, CA 94042 • (650) 967-2253

449 70

SHEEDY RECEIVED



2004 SOLVENTS
LUBE OILS
CARD SYSTEMS



METCAL ENERGY CENTER

CHEVRON PRODUCTS

un

TELEPHONE

JOB NO./P.O. NO.

DATE

DELIVER TO

powerplant Blanchard & rent

QTY. GRID	DESCRIPTION	QTY. DEL'D	UNIT PRICE	AMOUNT
	DIESEL FUEL, 3, NA 1993, PG III			
	CARB DIESEL			
	FEDERAL EXCISE TAX			
	STATE USE TAX			
	DIESEL FUEL, 3, NA 1993, PG III			
	CARB DYED DIESEL			
	THIS PRODUCT IS DYED DIESEL FUEL, NONTAXABLE USE ONLY, PENALTY FOR TAXABLE USE. THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR, CETANE INDEX, OR AROMATIC CONTENT.			
	GASOLINE, 3, UN 1203, PG II			
	UNLEADED			
	GASOLINE, 3, UN 1203, PG II			
	UNLEADED PLUS			
	GASOLINE, 3, UN 1203, PG II			
	PREMIUM UNLEADED			
	KEROSENE, 3, UN 1223, PG III			
	mastercard			
	# 54746301 49105454			
	Expires 09/02-08/05			
	Guy T Tunnell			
	CALIFORNIA OIL RECYCLING FEE			.16
	DIESEL: SALES TAX PREPAY SG GH 78-005855			
	GASOLINE: SALES TAX PREPAY SG GH 78-005855			

CREDIT TERMS: NET 10 DAYS. The unpaid balance remaining 10 days after the delivery date is subject to a service charge of 2% per month, which is an annual percentage rate of 24% applied to the unpaid balance. In the event Valley Oil Co. must undertake action to collect these charges, customer agrees to pay all costs of collection including reasonable attorney fees.

☐ CASH ☐ CHECK NO. ☐ CHARGE

DRUM DEPOSIT DELIVERED RETURNED

X

CUSTOMER'S SIGNATURE

SUB-TOTAL

% SALES TAX

NET CHANGE

TOTAL

POSTED

DELIVERY RECEIPT

VALLEY OIL CO.

450774

35000 BUBA DRIVE, OFFICE CAMINO REAL
MOUNTAIN VIEW, CA 94042 P.O. BOX 16554441
O. MCDONALD CO., INC.
P.O. BOX 200
SAN JOSE CA 95126

FEB 27 2004



Mobil

SOLVENTS
LUBE OILS

CARD SYSTEMS

CHEVRON PRODUCTS

union

TELEPHONE: 415-947-1000 JOB NO./P.O. NO.: DATE 2/27/04

DELIVER TO: LARRY POWER PLANT

SAN JOSE

QTY/LOAD	DESCRIPTION	QTY/DEL'D	UNIT PRICE	AMOUNT
	DIESEL FUEL, 3, NA, 1993, PG III			
	CARB DIESEL			
	FEDERAL EXCISE TAX			
	STATE USE TAX			
	DIESEL FUEL, 3, NA, 1993, PG III			
	CARB DYED DIESEL			
	THIS PRODUCT IS DYED DIESEL FUEL, NONTAXABLE USE ONLY. PENALTY FOR TAXABLE USE.			
	THIS FUEL MEETS EPA REQUIREMENTS FOR SULFUR, CETANE INDEX, OR AROMATIC CONTENT.			
	GASOLINE, 3, UN, 1203, PG I			
	UNLEADED	62		
	GASOLINE, 3, UN, 1203, PG II			
	UNLEADED PLUS			
	GASOLINE, 3, UN, 1203, PG II			
	PREMIUM UNLEADED			
	KEROSENE, 3, UN, 1223, PG III			
	2 generators, 41 fts, low welders			
	air compressor, gas cans, trucks			
	machines + other misc.			
	CALIFORNIA OIL RECYCLING FEE		.16	
	DIESEL: SALES TAX PREPAY			
	SG GH 78-005855			
	GASOLINE: SALES TAX PREPAY			
	SG GH 78-005855			

CREDIT TERMS: NET 10 DAYS. The unpaid balance remaining 10 days after the delivery date is subject to a service charge of 2% per month, which is an annual percentage rate of 24% applied to the unpaid balance. In the event Valley Oil Co. must undertake action to collect these charges, customer agrees to pay all costs of collection including reasonable attorney fees.

SUB-TOTAL

CASH ☒ CHECK NO. ☒ CHARGE ☒

% SALES TAX

DRUM DEPOSIT

DELIVERED

RETURNED

NET CHANGE

From: TOP GRADE-SHOP OPER.

925 371 8483

02/27/2004 14:57 #253 P.001

Coast Oil Company, LLC Marketers & Manufacturers

4250 WILLIAMS ROAD • SAN JOSE, CA 95129-3344

FED I.D. NO. 770584351

RESALE NO. SR GH 97953643

FUEL RESALE NO. SG GH 78020404

OFFICE (408) 252-7720

OFFICE FAX (408) 255-5263

PLANT (408) 251-0811

ORDER DESK (408) 342-0222

FEB 27 2004

TOP GRADE
CONSTRUCTIONREMIT TO: COAST OIL COMPANY, LLC
4250 WILLIAMS ROAD
SAN JOSE, CA 95129-3344HAZARDOUS MATERIAL NUMBER
CALL INFOTRAC 1-800-535-5053DATE: 02-25-04
241216

INVOICE NUMBER

915
SOLD TO: TOP GRADE CONSTRUCTION, INC.915
SHIP TO: TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 9455050 CONTRACTORS STREET
LIVERMORE, CA 94550

(408) 287-2207

(925) 449-5764

ORDERED BY		PURCHASE ORDER NUMBER		SALESMAN		TERMS		DUE DATE		
		602-999-05		DEDEAUX		NET 30		03-26-02		
ROUTE NUMBER		DELIVERY DATE		TRUCK NUMBER	DRIVER	HTR NUMBER		TIME IN	TIME OUT	MILES
0		02-25-04			99					0

NO. OF PKG'S	BULK OR PKG. SIZE	PRODUCT DESCRIPTION	QUANTITY ORDERED	QUANTITY DELIVERED	TAXES			PRICE	AMOUNT
					FED	STATE	SALES		
	GALS	EA RED ULTRA LOW SULPHUR DIESEL FEDERAL SUPERFUND OIL SPILL FEE	159	159 159 159	X	X	T	1.54500 0.00000 0.00119	245. 0. 0.

PRODUCT	BEFORE	AFTER	HTR NO. / TANK I.D.	THIS INVOICE DOES NOT INCLUDE STATE OR FEDERAL EXCISE TAXES, SUPER FUNDS OR SURCHARGES UNLESS SHOWN AS A SEPARATE LINE ITEM.	SALES TAX 8.25	20.
					TOTAL	266.

FAST DUE AFTER: If account unpaid within time permitted, customer agrees to pay interest at % per annum. In case of suit for collection, if costs of collection, suit and reasonable and attorney's fees will be charged. To secure payment of this invoice and all other amounts due Coast Oil Co., customer hereby grants to Coast Oil Co. a security interest in the inventory and the proceeds of inventory. Coast Oil Co. shall have all remedies as provided in the Uniform Commercial Code upon default including the right to take immediate possession of customer's inventory. The undersigned hereby states that he is authorized to bind the customer to the terms hereof.

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

CHECK NO.

CHECK AMOUNT

From: TOP GRADE-SHOP OPER.

925 371 8483

02/27/2004 07:19 #252 P.001

Coast Oil Company, LLC Marketers & Manufacturers
"since 1935"

4250 WILLIAMS ROAD • SAN JOSE, CA 95129-3344

FED I.D. NO. 770584351
RESALE NO. SR GH 97953643
FUEL RESALE NO. SG GH 78020404OFFICE (408) 252-7720
OFFICE FAX (408) 251-0811
PLANT (408) 251-0811
ORDER DESK (408) 342-915**RECEIVED**

FEB 26 2004

REMIT TO: COAST OIL COMPANY, LLC
4250 WILLIAMS ROAD
SAN JOSE, CA 95129-3344HAZARDOUS MATERIAL NUMBER
CALL INFOTRAC 1-800-535-5053DATE: 02-24-04
INVOICE NUMBER 241125915
SOLD TO: TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 94550

(408) 287-2207

SHIP TO: TOP GRADE CONSTRUCTION, INC.

50 CONTRACTORS STREET
LIVERMORE, CA 94550

(925) 449-5764

ORDERED BY	PURCHASE ORDER NUMBER	SALESMAN	TERMS	DUE DATE			
	602-999-05	DEDEAUX	NET 30	03-25-04			
ROUTE NUMBER	DELIVERY DATE	TRUCK NUMBER	DRIVER	HTR NUMBER	TIME IN	TIME OUT	MILES
0	02-24-04		99				0

NO. OF PKG'S	BULK OR PKG. SIZE	PRODUCT DESCRIPTION	QUANTITY ORDERED	QUANTITY DELIVERED	TAXES			PRICE	AMOUNT
					FED	STATE	SALES		
	BALS	RED ULTRA LOW SULPHUR DIESEL	94	94	X	X		1.54381	145.
		FEDERAL SUPERFUND		94				0.00000	0.
		OIL SPILL FEE		94				0.00119	0.

PRODUCT	BEFORE	AFTER	HTR NO. / TANK I.D.	THIS INVOICE DOES NOT INCLUDE STATE OR FEDERAL EXCISE TAXES, SUPER FUNDS OR SURCHARGES UNLESS SHOWN AS A SEPARATE LINE ITEM.	SALES TAX 8.25	11.
					TOTAL	157.

PAST DUE AFTER

If account unpaid within time permitted, customer agrees to pay interest at % per annum. In case of suit for collection, all costs of collection, suit and reasonable and attorney's fees will be charged. To secure payment of this invoice and all other amounts due Coast Oil Co., customer hereby grants to Coast Oil Co., a security interest in the inventory and the proceeds of inventory. Coast Oil Co. shall have all remedies as provided in the Uniform Commercial Code upon default, including the right to take immediate possession of customer's inventory. The undersigned hereby states that he is authorized to bind the customer to the terms hereof.

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION

CHECK NO.

CHECK AMOUNT

From: TOP GRADE-SHOP.OPER.

925 371 8483

02/25/2004 14:31 #251 P.002

Coast Oil Company, LLC Market **RECEIVED**

4250 WILLIAMS ROAD • SAN JOSE, CA 95129-3344

FED I.D. NO. 770584351

RESALE NO. SR GH 97953643

FUEL RESALE NO. SG GH 78020404

OFFICE (408) 252-7720

OFFICE FAX (408) 255-5263

PLANT (408) 251-0811

ORDER DESK (408) 342-0222

**TOP GRADE
CONSTRUCTION**REMIT TO: COAST OIL COMPANY, LLC
4250 WILLIAMS ROAD
SAN JOSE, CA 95129-3344

HAZARDOUS MATERIAL NUMBER

CALL INFOTRAC 1-800-535-5053

DATE:

241032

INVOICE NUMBER

915
SOLD TO: TOP GRADE CONSTRUCTION, INC.915
SHIP TO: TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 9455050 CONTRACTORS STREET
LIVERMORE, CA 94550

(408) 287-2207

(925) 449-5764

ORDERED BY	PURCHASE ORDER NUMBER	SALESMAN	TERMS	DUE DATE			
	602-999-05	DEDEAUX	NET 30	03-24-0			
ROUTE NUMBER	DELIVERY DATE	TRUCK NUMBER	DRIVER	HTR NUMBER	TIME IN	TIME OUT	MILES
0	02-23-04		99				0

NO. OF PKG'S	BULK OR PKG. SIZE	PRODUCT DESCRIPTION	QUANTITY ORDERED	QUANTITY DELIVERED	TAXES			PRICE	AMOUNT
					FED	STATES	SALES		
	GALS	RED ULTRA LOW SULPHUR DIESEL FEDERAL SUPERFUND OIL SPILL FEE	167	167	X	X	X	1.54500	258.
				167				0.00000	0.
				167				0.00119	0.

PRODUCT	BEFORE	AFTER	HTR NO. / TANK I.D.	THIS INVOICE DOES NOT INCLUDE STATE OR FEDERAL EXCISE TAXES, SUPER FUNDS OR SURCHARGES UNLESS SHOWN AS A SEPARATE LINE ITEM.	SALES TAX	21.
					8.25	
					TOTAL	279.

LAST DUE AFTER

If account unpaid within time permitted, customer agrees to pay interest at % per annum. In case of suit for collection, costs of collection, suit and reasonable and attorney's fees will be charged. To secure payment of this invoice and all other amounts due Coast Oil Co., customer hereby grants to Coast Oil Co. a security interest in the inventory and the proceeds of inventory. Coast Oil Co. shall have all remedies as provided in the Uniform Commercial Code upon default including the right to take immediate possession of customer's inventory. The undersigned hereby states that he is authorized to bind the customer to the terms hereof.

ERRORS IN PRICE EXTENSION AND ADDITION SUBJECT TO CORRECTION

CHECK NO.

CHECK AMOUNT

From: TOP GRADE-SHOP OPER.

925 371 8483

02/24/2004 07:26 #247 P.002

Coast Oil Company, LLC Marketers & Manufacturers
"since 1935"

4250 WILLIAMS ROAD • SAN JOSE, CA 95129-3344

FED I.D. NO. 770584351
RESALE NO. SR GH 97953643
FUEL RESALE NO. SG GH 78020404OFFICE (408) 252-7720
OFFICE FAX (408) 255-5263
PLANT (408) 251-0811
ORDER DESK (408) 342-0222REMIT TO: COAST OIL COMPANY, LLC
4250 WILLIAMS ROAD
SAN JOSE, CA 95129-3344HAZARDOUS MATERIAL NUMBER
CALL INFOTRAC 1-800-535-5053DATE: 02-20-04
INVOICE NUMBER 240928915
SOLD TO: TOP GRADE CONSTRUCTION, INC.915
SHIP TO: TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 9455050 CONTRACTORS STREET
LIVERMORE, CA 94550

(408) 287-2207

(925) 449-5764

ORDERED BY		PURCHASE ORDER NUMBER		SALESMAN		TERMS		DUE DATE							
		602-999-05		DEDEAUX		NET 30		03-21-0							
ROUTE NUMBER		DELIVERY DATE		TRUCK NUMBER		DRIVER		HTR NUMBER		TIME IN		TIME OUT		MILES	
0		02-20-04				99								0	

NO. OF PKG'S	BULK OR PKG. SIZE	PRODUCT DESCRIPTION	QUANTITY ORDERED	QUANTITY DELIVERED	TAXES			PRICE	AMOUNT
					FED	STATE	SALES		
	GALS	RED ULTRA LOW SULPHUR DIESE FEDERAL SUPERFUND OIL SPILL FEE	122	122 122 122	X	X	T	1.53890 0.00000 0.00119	187. 0. 0.
	EA								

RECEIVED

FEB 21 2004

PRODUCT	BEFORE	AFTER	HTR NO. / TANK I.D.	SALES TAX	AMOUNT
				8.25	15.
				TOTAL →	203.

FAST DUE AFTER: If account unpaid within time permitted, customer agrees to pay interest at % per annum. In case of suit for collection, all costs of collection, suit and reasonable and attorney's fees will be charged. To secure payment of this invoice and all other amounts due Coast Oil Co., customer hereby grants to Coast Oil Co. a security interest in the inventory and the proceeds of inventory. Coast Oil Co. shall have all remedies as provided in the Uniform Commercial Code upon default including the right to take immediate possession of customer's inventory. The undersigned hereby states that he is authorized to bind the customer to the terms hereof.

CHECK NO.

CHECK AMOUNT

From: TOP GRADE-SHOP OPER.

925 371 8483

02/24/2004 07:26 #247 P.001

Coast Oil Company, LLC Marketers & Manufacturers
"since 1935"

4250 WILLIAMS ROAD • SAN JOSE, CA 95129-3344

FED I.D. NO. 770584351

RESALE NO. SR GH 97953843

FUEL RESALE NO. SG GH 78020404

OFFICE (408) 252-7720

OFFICE FAX (408) 255-5263

PLANT (408) 251-0811

ORDER DESK (408) 342-0222

REMIT TO: COAST OIL COMPANY, LLC
4250 WILLIAMS ROAD
SAN JOSE, CA 95129-3344HAZARDOUS MATERIAL NUMBER
CALL INFOTRAC 1-800-535-5053

DATE: 02-19-04

INVOICE NUMBER 240861

SOLD TO: TOP GRADE CONSTRUCTION, INC.
315SHIP TO: TOP GRADE CONSTRUCTION, INC.
91550 CONTRACTORS STREET
LIVERMORE, CA 9455050 CONTRACTORS STREET
LIVERMORE, CA 94550

(408) 287-2207

(925) 449-5764

ORDERED BY		PURCHASE ORDER NUMBER		SALESMAN		TERMS		DUE DATE	
		602-999-05		DEDEAUX		NET 30		03-20-04	
ROUTE NUMBER	DELIVERY DATE	TRUCK NUMBER	DRIVER	HTR. NUMBER		TIME IN	TIME OUT	MILES	
0	02-19-04		99					0	

NO. OF PKG'S	BULK OR PKG. SIZE	PRODUCT DESCRIPTION	QUANTITY ORDERED	QUANTITY DELIVERED	TAXES			PRICE	AMOUNT
					FED	STATE	SALES		
	GALS	RED ULTRA LOW SULPHUR DIESEL FEDERAL SUPERFUND OIL SPILL FEE	133	133 133 133	X	X	T	1.54500 0.00000 0.00119	205. 0. 0.
		EA							

RECEIVED

FEB 21 2004

PRODUCT	BEFORE	AFTER	HTR NO. / TANK I.D.	SALES TAX	AMOUNT
				8.25	16.5
				TOTAL	222.0

AST DUE AFTER
If account unpaid within time permitted, customer agrees to pay interest at % per annum. In case of suit for collection, costs of collection, suit and reasonable and attorney's fees will be charged. To secure payment of this invoice and all other amounts due Coast Oil Co., customer hereby grants to Coast Oil Co. a security interest in the inventory and the proceeds of inventory. Coast Oil Co. shall have all remedies as provided in the Uniform Commercial Code upon default including a right to take immediate possession of customer's inventory. The undersigned hereby states that he is authorized to bind the customer to the terms hereof.

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION

CHECK NO.

CHECK AMOUNT

From: TOP GRADE-SHOP OPER.

925 371 8483

02/25/2004 14:30 #251 P.001

Coast Oil Company, LLC *Marketers & Manufacturers*

4250 WILLIAMS ROAD • SAN JOSE, CA 95129-3344

FED.I.D. NO. 770584351

RESALE NO. SR GH 97953643

FUEL RESALE NO. SG GH 78020404

OFFICE (408) 252-7720

OFFICE FAX (408) 255-5283

PLANT (408) 251-0811

ORDER DESK (408) 342-0222

RECEIVED

FEB 25 2004

**TOP GRADE
CONSTRUCTION**REMIT TO: COAST OIL COMPANY, LLC
4250 WILLIAMS ROAD
SAN JOSE, CA 95129-3344HAZARDOUS MATERIAL NUMBER
CALL INFOTRAC 1-800-535-5053

DATE:

240750

INVOICE NUMBER

915
SOLD TO: TOP GRADE CONSTRUCTION, INC.915
SHIP TO: TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 9455050 CONTRACTORS STREET
LIVERMORE, CA 94550

(408) 287-2207

(925) 449-5764

ORDERED BY	PURCHASE ORDER NUMBER	SALESMAN	TERMS	DUE DATE
	602-999-05	DEDEAUX	NET 30	03-19-0

ROUTE NUMBER	DELIVERY DATE	TRUCK NUMBER	DRIVER	HTR NUMBER	TIME IN	TIME OUT	MILES
0	02-18-04		99				0

NO. OF PKG'S	BULK OR PKG. SIZE	PRODUCT DESCRIPTION	QUANTITY ORDERED	QUANTITY DELIVERED	TAXES			PRICE	AMOUNT
					FED	STATE	SALES		
	8ALS	RED ULTRA LOW SULPHUR DIESEL FEDERAL SUPERFUND OIL SPILL FEE	79	79 79 79	X	X	T	1.54381 0.00000 0.00119	121. 0. 0.

PRODUCT	BEFORE	AFTER	HTR NO. / TANK I.D.	THIS INVOICE DOES NOT INCLUDE STATE OR FEDERAL EXCISE TAXES, SUPER FUNDS OR SURCHARGES UNLESS SHOWN AS A SEPARATE LINE ITEM.	SALES TAX	10.
					8.25	
					TOTAL →	132.

FAST DUE AFTER: If account unpaid within time permitted, customer agrees to pay interest at % per annum. In case of suit for collection, all costs of collection, suit and reasonable and attorney's fees will be charged. To secure payment of this invoice and all other amounts due Coast Oil Co., customer hereby grants to Coast Oil Co. a security interest in the inventory and the proceeds of inventory. Coast Oil Co. shall have all remedies as provided in the Uniform Commercial Code upon default including the right to take immediate possession of customer's inventory. The undersigned hereby states that he is authorized to bind the customer to the terms hereof.

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

CHECK NO.

CHECK AMOUNT

From: TOP GRADE-SHOP OPER.

925 371 8483

02/20/2004 14:47 #246 P.001

Coast Oil Company, LLC Marketers & Manufacturers

4250 WILLIAMS ROAD • SAN JOSE, CA 95129-3344

FED I.D. NO. 770584351
RESALE NO. SR GH 97953643
FUEL RESALE NO. SG GH 78020404OFFICE (408) 252-7720
OFFICE FAX (408) 255-5263
PLANT (408) 251-0811
ORDER DESK (408) 342-0222**RECEIVED**
FEB 20 2004REMIT TO: COAST OIL COMPANY, LLC
4250 WILLIAMS ROAD
SAN JOSE, CA 95129-3344
HAZARDOUS MATERIAL NUMBER
CALL INFOTRAC 1-800-585-5053DATE: 02-17-04
INVOICE NUMBER 240646

SOLD TO: 915 TOP GRADE CONSTRUCTION, INC.

50 CONTRACTORS STREET
LIVERMORE, CA 94550

(408) 287-2207

SHIP TO: 915 TOP GRADE CONSTRUCTION, INC.

50 CONTRACTORS STREET
LIVERMORE, CA 94550

(925) 449-5764

ORDERED BY	PURCHASE ORDER NUMBER	SALESMAN	TERMS	DUE DATE
	602-999-05	DEDEAUX	NET 30	03-18-04
ROUTE NUMBER	DELIVERY DATE	TRUCK NUMBER	DRIVER	HTR NUMBER
0	02-17-04		99	
TIME IN	TIME OUT	MILES		
		0		

NO. OF PKG'S	BULK OR PKG. SIZE	PRODUCT DESCRIPTION	QUANTITY ORDERED	QUANTITY DELIVERED	TAXES			PRICE	AMOUNT
					FED	STATE	SALES		
	GALS	RED ULTRA LOW SULPHUR DIESEL FEDERAL SUPERFUND OIL SPILL FEE	196	196 196 196	X	X	T	1.54381 0.00000 0.00119	302. 0. 0.

PRODUCT	BEFORE	AFTER	HTR NO. / TANK I.D.	SALES TAX	AMOUNT
				8.25	24.
				TOTAL	327.1

AST DUE AFTER: If account unpaid within time permitted, customer agrees to pay interest at 5% per annum. In case of suit for collection, if costs of collection, suit and reasonable and attorney's fees will be charged. To secure payment of this invoice and all other amounts due Coast Oil Co., customer hereby grants to Coast Oil Co. a security interest in the inventory and the proceeds of inventory. Coast Oil Co. shall have all remedies as provided in the Uniform Commercial Code upon default including the right to take immediate possession of customer's inventory. The undersigned hereby states that he is authorized to bind the customer to the terms hereof.

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

CHECK NO.

CHECK AMOUNT

From: TOP GRADE-SHOP OPER.

925 371 8483

02/20/2004 14:47 #246 P.002

Coast Oil Company, LLC

Mark

RECEIVEDsince 1935
FEB 20 2004

4250 WILLIAMS ROAD • SAN JOSE, CA 95129-3344

FED I.D. NO. 770584351
RESALE NO. SR GH 97953843
FUEL RESALE NO. SG GH 78020404OFFICE (408) 252-7720
OFFICE FAX (408) 255-5263
PLANT (408) 251-0811
ORDER DESK (408) 342-0222**TOP GRADE
CONSTRUCTION**REMIT TO: COAST OIL COMPANY, LLC
4250 WILLIAMS ROAD
SAN JOSE, CA 95129-3344HAZARDOUS MATERIAL NUMBER
CALL INFOTRAC 800-935-5084

DATE: 240507

INVOICE NUMBER

SOLD TO: 915 TOP GRADE CONSTRUCTION, INC.

SHIP TO: 915 TOP GRADE CONSTRUCTION, INC.

50 CONTRACTORS STREET
LIVERMORE, CA 9455050 CONTRACTORS STREET
LIVERMORE, CA 94550

(408) 287-2207

(925) 449-5764

ORDERED BY	PURCHASE ORDER NUMBER	SALESMAN	TERMS	DUE DATE
	602-999-05	DEDEAUX	NET 30	03-14-0

ROUTE NUMBER	DELIVERY DATE	TRUCK NUMBER	DRIVER	HTR NUMBER	TIME IN	TIME OUT	MILES
0	02-13-04		99				0

NO. OF PKG'S	BULK OR PKG. SIZE	PRODUCT DESCRIPTION	QUANTITY ORDERED	QUANTITY DELIVERED	TAXES			PRICE	AMOUNT
					FED	STATE	SALES		
	GALS	RED ULTRA LOW SULPHUR DIESEL FEDERAL SUPERFUND OIL SPILL FEE	197	197 197 197	X	X	T	1.54381 0.00000 0.00119	304. 0. 0.

PRODUCT	BEFORE	AFTER	HTR NO. / TANK I.D.	THIS INVOICE DOES NOT INCLUDE STATE OR FEDERAL EXCISE TAXES, SUPER FUNDS OR SURCHARGES UNLESS SHOWN AS A SEPARATE LINE ITEM.	SALES TAX	25.
					TOTAL →	329.

PAST DUE AFTER: If account unpaid within time permitted, customer agrees to pay interest at % per annum. In case of suit for collection, all costs of collection, suit and reasonable and attorney's fees will be charged. To secure payment of this invoice and all other amounts due Coast Oil Co., customer hereby grants to Coast Oil Co. a security interest in the inventory and the proceeds of inventory. Coast Oil Co. shall have all remedies as provided in the Uniform Commercial Code upon default including the right to take immediate possession of customer's inventory. The undersigned hereby states that he is authorized to bind the customer to the terms hereof.

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

CHECK NO.

CHECK AMOUNT

02/19/2004 10:57 #242 P.001

"since 1935"

OFFICE (408) 252-7720
OFFICE FAX (408) 255-5263
PLANT (408) 251-0811
ORDER DESK (408) 342-0222

DATE: 02-12-04

(925) 443-5764

CHECK AMOUNT

From: TOP GRADE-SHOP OPER.

925 371 8483

02/24/2004 07:27 #248 P.001/001

Coast Oil Company, LLC *Marketers & Manufacturers*
"since 1935"

4250 WILLIAMS ROAD • SAN JOSE, CA 95129-3344

FED I.D. NO. 770584351

RESALE NO. SR GH 97953643

FUEL RESALE NO. SG GH 78020404

OFFICE (408) 252-7720

OFFICE FAX (408) 255-5263

PLANT (408) 251-0811

ORDER DESK (408) 342-0222

REMIT TO: COAST OIL COMPANY, LLC
4250 WILLIAMS ROAD
SAN JOSE, CA 95129-3344HAZARDOUS MATERIAL NUMBER
CALL INFOTRAC 1-800-535-5053

DATE: 02-11-04

INVOICE NUMBER 240514

915
SOLD TO: TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 94550

(408) 287-2207

915
SHIP TO: TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 94550

(925) 449-5764

ORDERED BY	PURCHASE ORDER NUMBER	SALESMAN	TERMS	DUE DATE
	602-999-05	DEDEAUX	NET 30	03-14-0

ROUTE NUMBER	DELIVERY DATE	TRUCK NUMBER	DRIVER	HTR NUMBER	TIME IN	TIME OUT	MILES
0	02-13-04		99				0

NO. OF PKG'S	BULK OR PKG. SIZE	PRODUCT DESCRIPTION	QUANTITY ORDERED	QUANTITY DELIVERED	TAXES			PRICE	AMOUNT
					FED	STATES	SALES		
4	10PK	CHEVRON ULTRA DUTY EP2	4	4			T	15.50000	62.
	GALS	RED ULTRA LOW SULPHUR DIESEL	88	88	X	X	T	1.54500	135.
		FEDERAL SUPERFUND		88				0.00000	0.
		OIL SPILL FEE		88				0.00119	0.

RECEIVED

FEB 21 2004

PRODUCT	BEFORE	AFTER	HTR NO. / TANK I.D.	THIS INVOICE DOES NOT INCLUDE STATE OR FEDERAL EXCISE TAXES, SUPER FUNDS OR SURCHARGES UNLESS SHOWN AS A SEPARATE LINE ITEM.	SALES TAX 8.25	16.
					TOTAL →	214.

PAST DUE AFTER

If account unpaid within time permitted, customer agrees to pay interest at % per annum. In case of suit for collection, all costs of collection, suit and reasonable and attorney's fees will be charged. To secure payment of this invoice and all other amounts due Coast Oil Co., customer hereby grants to Coast Oil Co. a security interest in the inventory and the proceeds of inventory. Coast Oil Co. shall have all remedies as provided in the Uniform Commercial Code upon default including

CHECK NO.

From: TOP GRADE-SHOP OPER.

925 371 8483

02/11/2004 06:24 #234 P.001

Coast Oil Company, LLC *Marketers & Manufacturers*

4250 WILLIAMS ROAD • SAN JOSE, CA 95129-3344

FED I.D. NO. 770584351
RESALE NO. SR GH 97953643
FUEL RESALE NO. SG GH 78020404OFFICE (408) 252-7720
OFFICE FAX (408) 255-5263
PLANT (408) 251-0811
ORDER DESK (408) 342-0222**RECEIVED**

FEB 10 2004

TOP GRADE
CONSTRUCTIONREMIT TO: COAST OIL COMPANY, LLC
4250 WILLIAMS ROAD
SAN JOSE, CA 95129-3344HAZARDOUS MATERIAL NUMBER
CALL INFOTRAC 1-800-535-5053

DATE: 02-06-04

INVOICE NUMBER 240067

SOLD TO: 915
TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 94550

(408) 287-2207

SHIP TO: 915
TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 94550

(925) 449-5764

ORDERED BY		PURCHASE ORDER NUMBER		SALESMAN		TERMS		DUE DATE							
		602-999-05		DEDEAUX		NET 30		03-07-0							
ROUTE NUMBER		DELIVERY DATE		TRUCK NUMBER		DRIVER		HTR NUMBER		TIME IN		TIME OUT		MILES	
0		02-06-04				99								0	
NO. OF PKG'S	BULK OR PKG. SIZE	PRODUCT DESCRIPTION				QUANTITY ORDERED	QUANTITY DELIVERED	TAXES			PRICE		AMOUNT		
								FED	STATES	SALES					
	GALS	RED ULTRA LOW SUPLHUR DIESE FEDERAL SUPERFUND OIL SPILL FEE EA				95	95 95 95	X	X	T	1.56750 0.00000 0.00119		148. 0. 0.		
PRODUCT		BEFORE		AFTER		HTR NO. / TANK I.D.		THIS INVOICE DOES NOT INCLUDE STATE OR FEDERAL EXCISE TAXES, SUPER FUNDS OR SURCHARGES UNLESS SHOWN AS A SEPARATE LINE ITEM.				SALES 8.25 TAX		12.	
												TOTAL ➡		161.	

From: TOP GRADE-SHOP OPER.

925 371 8483

02/11/2004 06:25 #234 P.002

Coast Oil Company, LLC Marketers & Manufacturers

4250 WILLIAMS ROAD • SAN JOSE, CA 95129-3344

FED I.D. NO. 770584351
RESALE NO. SR GH 97953643
FUEL RESALE NO. SG GH 78020404OFFICE (408) 252-7720
OFFICE FAX (408) 255-5283
PLANT (408) 251-0811
ORDER DESK (408) 342-0222**RECEIVED**

FEB 10 2004

TOP GRADE
CONSTRUCTIONREMIT TO: COAST OIL COMPANY, LLC
4250 WILLIAMS ROAD
SAN JOSE, CA 95129-3344HAZARDOUS MATERIAL NUMBER
CALL INFOTRAC 1-800-535-5053

DATE: 02-06-04

INVOICE NUMBER 240031

SOLD TO: 915
TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 94550

(408) 287-2207

SHIP TO: 915
TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 94550

(925) 449-5764

ORDERED BY		PURCHASE ORDER NUMBER		SALESMAN		TERMS		DUE DATE							
		602-999-05		DEDEAUX		NET 30		03-07-0							
ROUTE NUMBER		DELIVERY DATE		TRUCK NUMBER		DRIVER		HTR NUMBER		TIME IN		TIME OUT		MILES	
0		02-06-04				99								0	

NO. OF PKG'S	BULK OR PKG. SIZE	PRODUCT DESCRIPTION	QUANTITY ORDERED	QUANTITY DELIVERED	TAXES			PRICE	AMOUNT
					FED	STATE	SALES		
	GALS	RED ULTRA LOW SULPHUR DIESEL FEDERAL SUPERFUND OIL SPILL FEE	165	165 165 165	X	X	T	1.56750 0.00000 0.00119	258. 0. 0.

PRODUCT	BEFORE	AFTER	HTR NO. / TANK I.D.	THIS INVOICE DOES NOT INCLUDE STATE OR FEDERAL EXCISE TAXES, SUPER FUNDS OR SURCHARGES UNLESS SHOWN AS A SEPARATE LINE ITEM.	SALES 8.25 TAX	21.
					TOTAL	280.

PAST DUE AFTER . . . If account unpaid within time permitted, customer agrees to pay interest at % per annum. In case of suit for collection, all costs of collection, suit and reasonable and attorney's fees will be charged. To secure payment of this invoice and all other amounts due Coast Oil Co., customer hereby grants to Coast Oil Co. a security interest in the inventory and the proceeds of inventory. Coast Oil Co. shall have all remedies as provided in the Uniform Commercial Code upon default including the right to take immediate possession of customer's inventory. The undersigned hereby states that he is authorized to bind the customer to the terms hereof.

ERRORS IN PRICE. EXTENSION AND ADDITION SUBJECT TO CORRECTION.

CHECK NO.

CHECK AMOUNT

From: TOP GRADE-SHOP OPER.

925 371 8483

02/09/2004 15:21 #233 P.001

Coast Oil Company, LLC Marketers & Manufacturers
"since 1935"

4250 WILLIAMS ROAD • SAN JOSE, CA 95129-3344

FED I.D. NO. 770584351

RESALE NO. SR GH 97953643

FUEL RESALE NO. SG GH 78020404

OFFICE (408) 252-7720

OFFICE FAX (408) 255-5263

PLANT (408) 251-0811

ORDER DESK (408) 342-0222

REMIT TO: COAST OIL COMPANY, LLC
4250 WILLIAMS ROAD
SAN JOSE, CA 95129-3344HAZARDOUS MATERIAL NUMBER
CALL INFOTRAC 1-800-535-5053

DATE: 02-05-04

INVOICE NUMBER 239943

SOLD TO: 915
TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 94550

(408) 287-2207

SHIP TO: 915
TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 94550

(925) 449-5764

ORDERED BY		PURCHASE ORDER NUMBER		SALESMAN		TERMS		DUE DATE	
		602-999-05		DEDEAUX		NET 30		03-06-0	
ROUTE NUMBER		DELIVERY DATE		TRUCK NUMBER		DRIVER		HTR NUMBER	
0		02-05-04				99			
NO. OF PKG'S		BULK OR PKG. SIZE		PRODUCT DESCRIPTION		QUANTITY ORDERED		QUANTITY DELIVERED	

From: TOP GRADE-SHOP OPER.

925 371 8483

02/06/2004 15:05 #232 P.001

Coast Oil Company, LLC Marketers & Manufacturers
"since 1935"

4250 WILLIAMS ROAD • SAN JOSE, CA 95129-3344

FED I.D. NO. 770584351

RESALE NO. SR GH 97953643

FUEL RESALE NO. SG GH 78020404

OFFICE (408) 252-7720

OFFICE FAX (408) 255-5263

PLANT (408) 251-0811

ORDER DESK (408) 342-0222

REMIT TO: COAST OIL COMPANY, LLC
4250 WILLIAMS ROAD
SAN JOSE, CA 95129-3344HAZARDOUS MATERIAL NUMBER
CALL INFOTRAC 1-800-535-5053

DATE: 01-31-04

INVOICE NUMBER 239684

SOLD TO: 915
TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 94550

(408) 287-2207

SHIP TO: 915
TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 94550

(925) 449-5764

ORDERED BY:		PURCHASE ORDER NUMBER		SALESMAN		TERMS		DUE DATE							
		602-999-05		DEDEAUX		NET 30		03-03-0							
ROUTE NUMBER		DELIVERY DATE		TRUCK NUMBER		DRIVER		HTR NUMBER		TIME IN		TIME OUT		MILES	
0		02-02-04				99								0	
NO. OF PKG'S	BULK OR PKG. SIZE	PRODUCT DESCRIPTION	QUANTITY ORDERED	QUANTITY DELIVERED	TAXES			PRICE	AMOUNT						
					FED	STATE	SALES								
	GALS	RED ULTRA LOW SULPHUR DIESE FEDERAL SUPERFUND OIL SPILL FEE	188	188 188 188	X	X	T	1.47631 0.00000 0.00119	277. 0. 0.						
PRODUCT		BEFORE	AFTER	HTR NO. / TANK I.D.		THIS INVOICE DOES NOT INCLUDE STATE OR FEDERAL EXCISE TAXES, SUPER FUNDS OR SURCHARGES UNLESS SHOWN AS A SEPARATE LINE ITEM.			SALES 8.25 TAX	22.					
									TOTAL →	300.					
<small>PAST DUE AFTER</small> If account unpaid within time permitted, customer agrees to pay interest at % per annum. In case of suit for collection, all costs of collection, suit and reasonable and attorney's fees will be charged. To secure payment of this invoice and all other amounts due Coast Oil Co., customer hereby grants to Coast Oil Co. a security interest in the inventory and the proceeds of inventory. Coast Oil Co. shall have all remedies as provided in the Uniform Commercial Code upon default including the right to take immediate possession of customer's inventory. The undersigned hereby states that he is authorized to bind the customer to the terms hereof.										CHECK NO.					
										CHECK AMOUNT					

ERRORS IN PRICE, EXTENSION AND ADDITION SUBJECT TO CORRECTION.

From: TOP GRADE-SHOP OPER.

925 371 8483

02/06/2004 15:05 #232 P.002

Coast Oil Company, LLC *Marketers & Manufacturers*
"since 1935"

4250 WILLIAMS ROAD • SAN JOSE, CA 95129-3344

FED I.D. NO. 770584351
RESALE NO. SR GH 97953643
FUEL RESALE NO. SG GH 78020404OFFICE (408) 252-7720
OFFICE FAX (408) 255-5283
PLANT (408) 251-0811
ORDER DESK (408) 342-0222REMIT TO: COAST OIL COMPANY, LLC
4250 WILLIAMS ROAD
SAN JOSE, CA 95129-3344HAZARDOUS MATERIAL NUMBER
CALL INFOTRAC 1-800-535-5053

DATE: 01-31-04

INVOICE NUMBER 239804

SOLD TO: 915
TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 94550

(408) 287-2207

SHIP TO: 915
TOP GRADE CONSTRUCTION, INC.50 CONTRACTORS STREET
LIVERMORE, CA 94550

(925) 449-5764

ORDERED BY		PURCHASE ORDER NUMBER		SALESMAN		TERMS		DUE DATE							
		602-999-05		DEDEAUX		NET 30		03-04-0							
ROUTE NUMBER		DELIVERY DATE		TRUCK NUMBER		DRIVER		HTR NUMBER		TIME IN		TIME OUT		MILES	
0		02-03-04				99								0	

NO. OF PKG'S	BULK OR PKG. SIZE	PRODUCT DESCRIPTION	QUANTITY ORDERED	QUANTITY DELIVERED	TAXES			PRICE	AMOUNT
					FED	STATE	SALES		
	GALS	RED ULTRA LOW SULPHUR DIESEL FEDERAL SUPERFUND OIL SPILL FEE	48	48 48 48	X	X	T	1.49750 0.00000 0.00119	71. 0. 0.

PRODUCT	BEFORE	AFTER	HTR NO. / TANK I.D.	THIS INVOICE DOES NOT INCLUDE STATE OR FEDERAL EXCISE TAXES, SUPER FUNDS OR SURCHARGES UNLESS SHOWN AS A SEPARATE LINE ITEM.	SALES 8.25 TAX	5.
					TOTAL →	77.

PAST DUE AFTER . . . if account unpaid within time permitted, customer agrees to pay interest at % per annum. In case of suit for collection, all costs of collection, suit and reasonable and attorney's fees will be charged. To secure payment of this invoice and all other amounts due Coast Oil Co., customer hereby grants to Coast Oil Co. a security interest in the inventory and the proceeds of inventory. Coast Oil Co. shall have all remedies as provided in the Uniform Commercial Code upon default including the right to take immediate possession of customer's inventory. The undersigned hereby states that he is authorized to bind the customer to the terms hereof.

CHECK NO.

CHECK AMOUNT



EASY FUEL, INC.

Date: 1/12/04

To: Dan Evans
Morse Construction Group
Phone: 425-418-9277
Fax: 408-463-0501

From: Easy Fuel, Inc.
Peter Nash
Phone: 408-280-5235
Fax: 408-280-0235

Pages: 2 (including cover)

Dan:

Please see the following invoice for fuel received at the Calpine/Metcalf job site. Under the "PROD" category you will see it listed as "LDF" which is our symbol for "Ultra Low Sulfur Diesel." Please let me know if you need anything else. Thank you.

Sincerely,

Peter Nash
Easy Fuel, Inc.

* I N V O I C E *

FROM : Easy Fuel, Inc
: 1346 E. Taylor Street
: San Jose, Ca. 95133
: (408) 280-5235

INVOICE: CL83395
INVOICE DATE: 02/18/04
PAGE: 1
ACCOUNT NO: 0001174

BILL: Morse Construction - A/P
TO : 5500 South 1st. Avenue
: Everett, WA 98203

SHIP TO: Calpine/Metcalf
1 Blanchard Road
San Jose, CA 95133

PAYMENT DUE BY: 03/04/04

Fuel cost includes all applicable taxes

ACCOUNT: 0001174

INVOICE: CL83395

DATE: 02/18/04

PAGE: 1

DEL DATE T	EFI CARD	VEHICLE	ODOM PROD	QTY	PRICE	AMOUNT
02/17/04	81174	CHK/FILL	0 HRS	1.50	59.0000	88.50
02/17/04	20259	COMPRESSOR	0 LDF	4.00	2.2602	9.04
02/17/04	20260	GENRTR	0 LDF	67.30	2.2602	152.11
02/17/04	20107	Gradall	0 LDF	25.70	2.2602	58.09

Any Payment received after "Due Date" will carry a late fee of 1.5% of invoice amount upto 18% pa and collection costs.

PRODUCT	TOTAL QUANTITY	AVERAGE PRICE	SALE AMOUNT	FEDERAL TAX	STATE TAX	LOCAL TAX	SALES TAX	TOTAL
=====								
CA - CALIFORNIA								
HRS	1.5	59.00	88.50	0.00	0.00	0.00	0.00	88.50
LDF	97.0	1.6777	162.74	23.67	17.46	0.00	15.37	219.24
=====								
** TOTAL AMOUNT DUE ----> \$								307.74

* I N V O I C E *

FROM : Easy Fuel, Inc
 : 1346 E.Taylor Street
 : San Jose, Ca. 95133
 : (408) 280-5235

INVOICE: CL84077
 INVOICE DATE: 02/27/04
 PAGE: 1
 ACCOUNT NO: 0001174

BILL: Morse Construction - A/P
 TO : 5500 South 1st. Avenue
 : Everett, WA 98203

SHIP TO: Calpine/Metcalf
 1 Blanchard Road
 San Jose, CA 95133

PAYMENT DUE BY: 03/13/04
 Fuel cost includes all applicable taxes

DEL DATE T	EFI CARD	VEHICLE	ODOM	PROD	QTY	PRICE	AMOUNT
02/26/04	81174	CHK/FILL	0	HRS	2.50	49.0000	122.50
02/26/04	20259	COMPRESSOR	0	LDF	8.90	2.3314	20.75
02/26/04	20334	GEN.2	0	LDF	31.00	2.3314	72.27
02/26/04	20260	GENRTR	0	LDF	86.10	2.3314	200.73
02/26/04	20107	Gradall	0	LDF	20.40	2.3314	47.56

Any Payment received after "Due Date" will carry a late fee
 cf 1.5% of invoice amount upto 18% pa and collection costs.

PRODUCT	TOTAL QUANTITY	AVERAGE PRICE	SALE AMOUNT	FEDERAL TAX	STATE TAX	LOCAL TAX	SALES TAX	TOTAL
CA - CALIFORNIA								
HOURS	2.5	49.00	122.50	0.00	0.00	0.00	0.00	122.50
LDF	146.4	1.7434	255.24	35.72	26.35	0.00	24.00	341.31
** TOTAL AMOUNT DUE ----> \$								463.81

CONDITION OF CERTIFICATION AQ-52
OFF-ROAD DIESEL FIRED EQUIPMENT USAGE LISTS

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT

CONTRACTOR: Rosendin

DATE: February 2004

This form must be completed before site mobilization and must include all equipment that will be used on site.

**All diesel equipment must use ultra low sulfur diesel fuel. Engine idle time must be limited to 10 minutes or less.

Equipment ID	Year	Make	Model	Serial #	Engine HP	# of days equipment planned usage	Actual date usage started	Actual date usage stopped	Type of mitigation implemented (e.g., CARB, CDPF)
Forklift	2002	Skytrak	8042 Legacy	17838	>100	90	9/11/03		1996 or newer
Generator		MQ Power	DCA-25SSIU	7104905	33		9/22/03	11/1/03	< 100 HP
Compressor	2001	Atlas Copco	XAS 96	4500A06121 H613260	<100		10/10/03		1996 or newer
Forklift	1999	Spicer	SS842	142948	100	90	2/2/04		1996 or newer

CMM Signature:  Date: 3-4-04

Comments:

Metcalf Energy Center Equipment Usage List

CONTRACTOR: PSF**DATE: February 2004**

This form must be completed before site mobilization and must include all equipment that will be used on site.

**All diesel equipment must use ultra low sulfur diesel fuel. Engine idle time must be limited to 10 minutes or less.

Equipment ID	Year	Make	Model	Serial #	Engine HP	# of days equipment planned usage	Actual date usage started	Actual date usage stopped	Type of mitigation implemented (e.g., CARB, CDPF)
Forklift	2003	Gradall	G9-43A	0130001015	100	10 months	12/29/03		1996 or newer
Zoom boom	2002	Genie	S-125	574	77	10 months	1/5/04		1996 or newer <100 HP
Zoom boom	2002	Genie	S-125	665	77	10 months	1/12/04		1996 or newer <100 HP
Welder	2000	Lincoln	Comm 500	UJ991210474	40	10 months	1/2/04		1996 or newer <100 HP
Welder	2002	Miller	Blue 502	5DLUW0715 1E000160	42	10 months	1/2/04		1996 or newer <100 HP
4x4 Mule		Kawasaki	Mule	JK1AFDA19 YB500167	<100	10 months	1/6/04		<100 HP
Compressor	2001	Ingersoll Rand	P185WJD R	4FVCABAA7 IU317798		10 months	1/12/04		1996 or newer
Generator	1999	Atlas Copco	QAS228	80941863	49	10 months	1/5/04		CARB permit number 106740
Generator	2002	Atlas Copco	QAS228	419352	49	10 months	1/8/04		CARB permit number 115789
Forklift	2003	Gradall	G9-43A	412-09-3012	80-100	8 months	2/18/04		1996 or newer <100 HP
Manlift	2002	Genie	S-125	481-93-2025	77	8 months	2/19/04		1996 or newer <100 HP
Manlift	2002	Genie	S-125	481-93-2003	77	8 months	2/19/04		1996 or newer <100 HP

Metcalf Energy Center Equipment Usage List

CONTRACTOR: PSF

DATE: February 2004

This form must be completed before site mobilization and must include all equipment that will be used on site.

****All diesel equipment must use ultra low sulfur diesel fuel. Engine idle time must be limited to 10 minutes or less.**

Equipment ID	Year	Make	Model	Serial #	Engine HP	# of days equipment planned usage	Actual date usage started	Actual date usage stopped	Type of mitigation implemented (e.g., CARB, CDPF)
Forklift	2002	Gradall	G6-42A	412-06-1017	80-100	8 months	2/26/04		1996 or newer <100 HP

CMM Signature:  Date: 3-4-04

Comments:

CONTRACTOR: Top Grade Construction**DATE: February 2004**

This form must be completed before site mobilization and must include all equipment that will be used on site.
**All diesel equipment must use ultra low sulfur diesel fuel. Engine idle time must be limited to 10 minutes or less.


Equipment Type	Year	Make	Model	Serial #	Engine HP	# of days equipment planned usage	Actual date usage started	Actual date usage stopped	Type of mitigation implemented (e.g., CARB, CDPF)
Mini Excavator	2003	Kobelco	SK80C-IE	LF02-01231	75		9/23/03		1996 or newer <100 HP
Excavator	1996	Hitachi	EX550	17HP007159	100		9/15/03		1996 or newer
Dump truck	1998	Volvo	A35C	A35CV5258	100		10/18/03		1996 or newer
Backhoe	1998	CAT	416C	42N07720	90		11/10/03	2/9/04	1996 or newer <100 HP
Loader	1997	CAT	950B	227043046	180		11/10/03	2/27/04	1996 or newer
Forklift	2001	Hyster	360	D019D032284	127		11/4/03		1996 or newer
Dump truck	1998	Volvo	A35C	A35CV60064	100		1/30/04		1996 or newer
Backhoe	2004	CAT	436B	BHNF00318	90		1/7/04		1996 or newer <100 HP
Roller	1999	Bornag	BW-211D-3	101580371015.00	75		1/7/04	2/27/04	1996 or newer <100 HP
Skip loader	2003	Terrex	650TX	TX65031105	60		1/8/04		1996 or newer <100 HP
Backhoe	2004	CAT	430D	CAT0430DPBNK04469	90		1/25/04		1996 or newer <100 HP
Dozer	1998	CAT	D4H	8PB6300	100		2/13/04		1996 or newer

CONTRACTOR: Top Grade Construction**DATE: February 2004**

This form must be completed before site mobilization and must include all equipment that will be used on site.

****All diesel equipment must use ultra low sulfur diesel fuel. Engine idle time must be limited to 10 minutes or less.**

Loader	1998	CAT	938F	KM00216	180	2/23/04	1996 or newer
Excavator	1997	CAT	330BL	8TR00707	100	3/1/04	1996 or newer
Blade	1998	CAT	140G	22K02757	150	3/1/04	1996 or newer

CMM Signature: Date: 3-4-04Comments: _____

CONTRACTOR: Conco

DATE: February 2004

This form must be completed before site mobilization and must include all equipment that will be used on site.
**All diesel equipment must use ultra low sulfur diesel fuel. Engine idle time must be limited to 10 minutes or less.

Equipment ID	Year	Make	Model	Serial #	Engine HP	# of days equipment planned usage	Actual date usage started	Actual date usage stopped	Type of mitigation implemented (e.g., CARB, CDPF)
Forklift	2000	Gradall	534D-9	064433	100	9 months	09/08/03		1996 or newer
Crane	2001	Link Belt	HTC87	1F9F2J2592L 0284818	350	9 months	09/08/03		Exempt due to low duty cycle.
Manlift	2001	JLG	460 SJ	5439-136482- 46-1024	82	1 month	1/16/04		1996 or newer <100 HP

CMM Signature: 

Date: 3-4-04

Comments:

Metcalf Energy Center Equipment Usage List

CONTRACTOR: O.C. MacDonald

DATE: February 2004

This form must be completed before site mobilization and must include all equipment that will be used on site.

****All diesel equipment must use ultra low sulfur diesel fuel. Engine idle time must be limited to 10 minutes or less.**

Equipment ID	Year	Make	Model	Serial #	Engine HP	# of days equipment planned usage	Actual date usage started	Actual date usage stopped	Type of mitigation implemented (e.g., CARB, CDPF)
Generator	00	Whisper Watt	DB-061	3640458	31	60	9/26/03		1996 or newer <100 HP
Generator	00	Whisper Watt	DCA-2555IU	7106672	30.6	60	10/27/03		1996 or newer <100 HP
Generator	03	Magnum	TGI	034009	31	60	1/23/04		1996 or newer <100 HP
Forklift	97	Lull	1044C-54	CL137	120	60	1/23/04		1996 or newer
Forklift	97	Lull	1044C-54	CL122	120	60	1/23/04		1996 or newer
Forklift	02	Gradall	544D10	411442	116	60	1/23/04		1996 or newer
Forklift	01	Skytrak	8042	10111A	116	60	11/6/03		1996 or newer
Compressor	02	Atlas Copco	XAS96(JD) CA	4500A061724 002500	<100	60	1/23/04		1996 or newer <100 HP
Welder	00	Lincoln	SA250D3	998784	44	60	1/23/04		1996 or newer <100 HP
Welder	89	Miller	402D	RDEM06587	44	60	1/23/04		<100 HP
Welder	00	Miller	402D	YE-M-247304	44	60	1/23/04		1996 or newer <100 HP
Welder	00	Miller	Big 40	KK022803	44	60	1/23/04		1996 or newer <100 HP
Welder	00	Miller	402D	YE-M-020246	44	60	1/23/04		1996 or newer <100 HP

Metcalf Energy Center Equipment Usage List

CONTRACTOR: O.C. MacDonald

DATE: February 2004

This form must be completed before site mobilization and must include all equipment that will be used on site.

**All diesel equipment must use ultra low sulfur diesel fuel. Engine idle time must be limited to 10 minutes or less.

Equipment ID	Year	Make	Model	Serial #	Engine HP	# of days equipment planned usage	Actual date usage started	Actual date usage stopped	Type of mitigation implemented (e.g., CARB, CDPF)
Fusion (12)		McElroy	Various	Various	15	60	1/23/04		<100 HP
Splitter	99	Iron and Oak	BHVB349 9H	1299JB/LCP R10494	13	60	1/23/04		1996 or newer <100 HP
4Wheel cart	96	Cushman	Hawk 4x2		18	60			1996 or newer

CMM Signature: 

Date: 3-4-04

Comments:

Metcalf Energy Center Equipment Usage List

CONTRACTOR: Sheedy Drayage Co.

DATE: February 2004

This form must be completed before site mobilization and must include all equipment that will be used on site.
 **All diesel equipment must use ultra low sulfur diesel fuel. Engine idle time must be limited to 10 minutes or less.

Equipment ID	Year	Make	Model	Serial #	Engine HP	# of days equipment planned usage	Actual date usage started	Actual date usage stopped	Type of mitigation implemented (e.g., CARB, CDPF)
Forklift	2000	Hyster	H280XL	YA70337	120	Periodically during construction	11/19/02	10/27/03	CARB
Crane	1975	American	8460	2021	318	Periodically during construction	2/19/04		Exempt due to low-duty cycle.
Platform trailer	2001	Goldhofer	PST	0069	420	Periodically during construction	2/05/04		1996 or newer
JLG	2003	JLG	600AJ	030005798	40	4 months	2/23/04		1996 or newer <100 HP
Red Gantry	1989	Lift Systems	48A	87818A	78	4 months	2/16/04		<100 HP
Yellow Gantry	1999	Lift Systems	48A	24035A	156	Unused to date	Unused to date		1996 or newer

CMM Signature:  Date: 3-4-04

Comments:

Metcalf Energy Center Equipment Usage List

CONTRACTOR: Lloyd Aubry

DATE February 2004

This form must be completed before site mobilization and must include all equipment that will be used on site.
 **All diesel equipment must use ultra low sulfur diesel fuel. Engine idle time must be limited to 10 minutes or less.

Equipment Type (Backhoe, loader, etc.)	Year	Make	Model	Serial #	Engine HP	# of days equipment planned usage	Actual date usage started	Actual date usage stopped	Type of mitigation implemented (e.g., CARB, CDPF)
Portable Generator	2003	Colmen	Maxa 3000	83750207	5.5	Duration of job	Feb 2004	tbd	1996 or newer <100 HP
Air Compressor	2001	Ahag	Xas175jd	4500b091x1h 621647	Under 100hp	1	3/1/04	3/1/04	1996 or newer <100 HP
Grout Mixer	2003	Stone	655pm	022004096	8.0	30	2/27/04		1996 or newer <100 HP
Grout Mixer	2003	Stone	655pm	442003030	8.0	30	2/27/04		1996 or newer <100 HP
Diesel Welder	1999	Thermal Arc	Ta20/500d z	n/a	Under 100hp	Duration of job	2/27/04		1996 or newer <100 HP
Grade All	1998	Grade All	5340-10	0366077	TBD	Duration of job	2/27/04		1996 or newer
Fork Lift	2002	Daewood	s/s/mover 265500lb	Wj1e1	TBD	Duration of job	2/27/04		1996 or newer

CMM Signature: 

Date:

3-4-04

Comments:

Metcalf Energy Center Equipment Usage List

DATE: February 2004

****All diesel equipment must use ultra low sulfur diesel fuel. Engine idle time must be limited to 10 minutes or less.**

Date: 3-4-04

Comments:

Metcalf Energy Center Equipment Usage List

CONDITION OF CERTIFICATION BIO-2
SUMMARY OF BIOLOGICAL MONITORING

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT

Biological Resources
Mitigation Monitoring for the
Metcalf Energy Center

MONTHLY COMPLIANCE REPORT #29

February 2004

Prepared by:

CH2M HILL

2485 Natomas Park Drive, Suite 600

Sacramento, California 95833

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT

February 2004

TABLE OF CONTENTS

Introduction.....	1
Monitored Mitigation Measures	2
Summary of Activities.....	3
Worker Environmental Awareness Training.....	4
General Notes and Observations.....	5

APPENDICES

- A) Cumulative Wildlife Species Observed in or Near the Project Area
- B) Wildlife Observation Forms
- C) WEAT Sign-ins
- D) Photographs

INTRODUCTION

The Metcalf Energy Center (MEC) site is located in the Santa Clara Valley within the Urban Service Area of south San Jose. The MEC will be a 600-megawatt natural-gas-fired combined cycle power plant with the following features:

- A 230-kilovolt (kV) switchyard and approximately 240 feet of new 230-kV transmission line that will loop into the existing Pacific Gas and Electric (PG&E) 230-kV Metcalf-Monta Vista No. 4 transmission on Tulare Hill.
- An approximately 1 mile, 16-inch natural gas pipeline that will connect to an existing PG&E transmission backbone pipeline that runs along the eastern side of U.S. 101.
- An approximately 1000-foot water pipeline from a tap into a new South Bay Water Recycling Program's (SBWR) pipeline for cooling water.
- An approximately 1.2-mile water pipeline will supply domestic and backup water supplies.
- A stormwater detention basin and discharge outfall structure to Fisher Creek.
- A new access road from Monterey Road at the Blanchard Road junction and visual screening and landscape corridor along the new access road that will require 6 acres of agricultural land south of the MEC site.
- A second access road (west access road) may extend from Santa Teresa Boulevard to the MEC site that will require 2.0 acres of agricultural land.
- Two temporary construction laydown yards totaling 24.8-acres are located in agricultural land south of the MEC site.

The project was designed to avoid significant adverse impacts to sensitive biological resources to the furthest extent feasible. Mitigation measures were developed through consultation with the U. S. Fish and Wildlife Service (USFWS), U. S. Army Corps of Engineers (Corps), National Marine Fisheries Service (NMFS), California Department of Fish and Game (CDFG), and the Water Quality Control Board to minimize unavoidable project impacts. Permits and authorizations from these agencies included conditions that must be monitored by the Designated Biologist. The Biological Monitor will be present onsite during all phases of construction to ensure compliance with the mitigation measures outlined in the *Biological Resources Mitigation Implementation and Monitoring Plan* (BRMIMP). The following report includes all MEC project activities monitored during February 2004.

MONITORED MITIGATION MEASURES

Mitigation measures were developed through consultation with USFWS, NMFS, CDFG, San Francisco Bay Regional Water Quality Control Board (Water Board), Corps, and California Energy Commission (CEC) for the MEC project. Compliance with any conditions of the Corps, Water Board, and CDFG permits will be included when permits are received and used on the project.

Conditions of Certification (COC) BIO-1 through BIO-13 were in compliance during February 2004.

The following conditions described in the USFWS Biological Opinion (BO) remained pertinent to the December monitoring efforts:

- Garbage must be removed from the site.
- Activity must be limited to the minimum necessary.
- The boundaries of the site will be clearly marked.
- All equipment, personnel, and access shall be confined to designated work areas and connecting roadways.
- Refueling will occur at least 50 feet away from aquatic habitats.
- Weekly California red-legged frog surveys will be conducted in work areas.
- Bullfrogs found during amphibian surveys, including adult, subadult, and larval bullfrogs, shall be captured and killed.
- The Biological Monitor will inspect the erosion control features during rain events or other water releases.
- Concrete trucks must be washed within a designated area with a surrounding berm.

All activities complied with conditions described in the NMFS BO. Work near Coyote Creek, where NMFS has jurisdiction over anadromous fish (salmon and steelhead), will likely occur in the summer 2004.

The Biological Monitor was available throughout the month to respond to biological issues as needed. February activities are described in the following section.

SUMMARY OF ACTIVITIES

This report includes project activities that took place during February 2004. February activities included continued site construction and presentation of the Worker Environmental Awareness Training (WEAT) program to project personnel. The following provides a description of these activities. A cumulative wildlife species list is included in Appendix A. Wildlife Observation forms are included in Appendix B. WEAT sign-in sheets are included in Appendix C. Relevant photographs are included in Appendix D. The Biological Monitor completes daily logs summarizing activities, personal interactions, and observations. These logs are available on request.

Site Construction

February MEC main site construction included ongoing excavation for and installation of underground utilities, and continued installation of concrete foundations. In addition, aboveground infrastructure including Heat Recovery Steam Generator (HRSG) Ducts and Steam Turbine Condenser were installed. These activities will continue in March 2004.

The Biological Monitor visited the site weekly to inspect all construction activities. Monitoring visits focused on ensuring that work complied with all CEC biological COCs and to determine future monitoring needs. All construction related activity occurred in previously disturbed areas and remained outside the Fisher Creek riparian corridor.

Underground Utilities

During February, excavation continued for the installation of underground utilities on the MEC main site. Utilities included pipe for various waterlines, and electrical conduit and vaults. Utilities were installed in open trenches and excavations, of which some were back-filled with concrete and soil. Utility installation will continue in March 2004.

All open trenches include sloped escape ramps and conduit ends were capped to prevent wildlife entry. Site personnel are instructed to notify the Biological Monitor immediately should wildlife become trapped in any open excavation.

Due to recent heavy rainfall, many open trenches were inundated with stormwater, necessitating dewatering. Several portable trash pumps were used to move stormwater from the main site to the stormwater retention basin and other non-sensitive areas. Water was not discharged into any sensitive resources, including Fisher Creek.

Work personnel discovered a dead rodent during excavation activities. The rodent was found near the southwest corner of the Steam Turbine Generator foundation. The rodent was inadvertently killed during excavation for underground utilities. Calpine's Environmental Compliance Manager removed the carcass from the work site and kept it in a plastic bag for the Biological Monitor. The Biological Monitor identified the carcass as a deer mouse (*Peromyscus maniculatus*). The incident was included on a Wildlife Observation Form (Appendix B).

Concrete Foundations

February activities included continued installation of permanent concrete foundations to

support heavy structures (e.g. condenser, HRSG ducts, CTGs). Associated activities included installation of concrete forms and rebar, and pouring concrete. Concrete foundation installation will continue in March 2004.

All concrete mixer trucks were cleaned in the designated concrete washout prior to leaving the project site.

Aboveground Infrastructure

Throughout the month of February, above ground infrastructure (e.g. steam turbine generator, HRSG Ducts) were installed atop concrete foundations. Power plant infrastructures are stored on the north and south laydown yards. Construction equipment utilized existing access roads to transport materials from the laydown yards to the main site. Aboveground infrastructure installation will likely continue in March 2004.

Calpine's Environmental Compliance Manager contacted the Biological Monitor on February 12th regarding potential bird nests in the materials and supplies stored in the south laydown yard. The Biological Monitor checked all crates and materials and found several inactive sparrow-sized nests from last year's breeding season. The nests were removed to discourage use. The Biological Monitor will continue to perform periodic checks within the laydown for nesting activity. Active nests will be protected until eggs have hatched and young have fledged.

WORKER ENVIRONMENTAL AWARENESS TRAINING

The WEAT program was developed exclusively for the MEC project. Program materials include a handbook, video, and poster. As required by COC Bio-6 from the CEC *Commission Decision*, all new employees must attend the WEAT program.

Seventy-six personnel received WEAT training during December for a total of 958 employees trained at MEC. A Calpine Site Safety Officer administered the WEAT training to all new February employees. A list of February WEAT attendees is included in Appendix C. Signed affidavits are kept on file by Calpine's Compliance Manager.

GENERAL NOTES AND OBSERVATIONS

February activities were confined to previously disturbed areas. The Biological Monitor's duties were limited accordingly. These duties will likely remain limited until construction moves into previously undisturbed areas or within the vicinity of sensitive biological resources.

Compliance with the MEC Stormwater Pollution Prevention Plan (SWPPP) continues to remain critical during the rainy season. Calpine personnel continue to perform periodic SWPPP compliance inspections of project BMPs. The Biological Monitor will continue to aid the Calpine Environmental Compliance Manager in site preparation for rain events and ensure installed BMPs are in good repair and are functioning properly.

On February 12th, the Wildlife Education and Rehabilitation Center of Morgan Hill (WERC) released a red-tailed hawk (*Buteo jamaicensis*) within the Tulare Hill portion of the MEC Ecological Preserve. The hawk was rehabilitated by the center from injuries not associated with the Metcalf Energy Center project. The release was in cooperation with Calpine and the Santa Clara County Land Trust, with attendees including WERC personnel, Kristen O'Kane (Calpine Environmental Compliance Manager), John Cleckler (Co-Designated Biologist), and news media from the Morgan Hill Times.

On February 9th, a dead black-tailed jackrabbit (*Lepus californicus*) was discovered by a MEC worker in the project's construction personnel parking lot (Appendix B). The temporary parking lot is located west of the south laydown yard and south of Blanchard Road. The cause of death was unknown.

Tule elk (*Cervus nannodes*) were observed foraging on Coyote Ridge this month. This is the first time this species has been observed near the site. The MEC Biological Monitor observed four elk on the ridge east of the MEC site.

APPENDIX A

Cumulative Wildlife Species Observed In or Near the Project Area

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project
and Linear Facilities Area (May 2001 to February 29, 2004)**

Common Name	Scientific Name	Location
INSECTS		
Bay checkerspot butterfly	<i>Euphydryas editha</i> spp. <i>Bayensis</i>	TH
Cabbage white butterfly	<i>Pieris rapae</i>	EC
Anise swallowtail butterfly	<i>Papilio zelicaon</i>	TH
Buckeye butterfly	<i>Precis coenia</i>	TH
Painted lady butterfly	<i>Vanessa cardui</i>	EC
Opler's longhorn moth	<i>Adela oplerella</i>	TH
Tarantula	<i>Eurypelma californicum</i>	TH
AMPHIBIANS AND REPTILES		
Pacific tree frog	<i>Hyla regilla</i>	TH, FC, EC
Arboreal salamander	<i>Aneides lugubris</i>	TH, EC
Western fence lizard	<i>Sceloporus occidentalis</i>	EC, TH, LA, FC
Side-blotched lizard	<i>Uta stansburiana</i>	EC
Southern alligator lizard	<i>Elgaria multicarinata</i>	EC, TH
Western skink	<i>Eumeces skiltonianus</i>	TH
Gopher snake	<i>Pituophis melanoleucus</i>	EC, LA, FC
BIRDS		
Pied-billed grebe	<i>Podilymbus podiceps</i>	FC, CC
American white pelican	<i>Pelecanus erythrorhynchos</i>	EC*
Double-crested cormorant	<i>Phalacrocorax auritus</i>	CC*
Canada goose	<i>Branta canadensis</i>	EC*, CC
Mallard	<i>Anas platyrhynchos</i>	FC, CC
Gadwall	<i>Anas strepera</i>	FC
Wood duck	<i>Aix sponsa</i>	FC, CC
Common merganser	<i>Mergus merganser</i>	FC
Hooded merganser	<i>Lophodytes cucullatus</i>	FC
American coot	<i>Fulica americana</i>	FC, CC
Great blue heron	<i>Ardea herodias</i>	FC
Green heron	<i>Butorides virescens</i>	FC, CC
Great egret	<i>Casmerodius albus</i>	FC
Snowy egret	<i>Egretta thula</i>	FC
Turkey vulture	<i>Cathartes aura</i>	EC*, TH, LA
Killdeer	<i>Charadrius vociferus</i>	LA, LEA*, EC
Location: CC = Coyote Creek Riparian Corridor CR = Coyote Ridge EC = Metcalf Energy Center Plant Site FC = Fisher Creek Riparian Corridor GP = Gas Pipe Line Corridor TH = Tulare Hill Ecological Preserve TL = Transmission Line Corridor WL = Water Line Corridor LEA = Laydown expansion area LA = Laydown Area CTP = Construction Trade Parking Lot		
Notes: * Flyover or otherwise not utilizing area resources. ** Non-active sign (i.e. carcass, feather, nest, track)		
Species in bold were recorded for the first time this month.		

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project
and Linear Facilities Area (May 2001 to February 29, 2004) (Continued)**

Common Name	Scientific Name	Location
BIRDS (continued)		
White-tailed kite	<i>Elanus caeruleus</i>	FC
Northern harrier	<i>Circus cyaneus</i>	FC, TH
Golden eagle	<i>Aquila chrysaetos</i>	TH
Osprey	<i>Pandion heliaetus</i>	CC*, TH, EC, FC
Sharp-shinned hawk	<i>Accipiter striatus</i>	FC, TH
Cooper's hawk	<i>Accipiter cooperii</i>	CC, EC*, FC
Red-shouldered hawk	<i>Buteo lineatus</i>	EC, FC, LA, CC, LEA
Red-tailed hawk	<i>Buteo jamaicensis</i>	EC, FC, GP, TH, TL, CC
American kestrel	<i>Falco sparverius</i>	EC, TH
Prairie falcon	<i>Falco mexicanus</i>	TH
California quail	<i>Callipepla californica</i>	CC, GP
Spotted sandpiper	<i>Actitis macularia</i>	FC
Mourning dove	<i>Zenaida macroura</i>	EC, FC, TH, TL, CC
Rock dove	<i>Columba livia</i>	EC*, TH*
Anna's hummingbird	<i>Calypte anna</i>	TH, CC
Hummingbird sp.		EC, TH, FC
Belted kingfisher	<i>Ceryle alcyon</i>	FC, EC*, CC
Northern flicker	<i>Colaptes auratus</i>	EC, FC, TH
Nuttall's woodpecker	<i>Picoides nuttallii</i>	FC, FC**(nest), FC
Downy woodpecker	<i>Picoides pubescens</i>	EC, FC
Black phoebe	<i>Sayornis nigricans</i>	EC, FC, TL, LEA, CC
Say's phoebe	<i>Sayornis saya</i>	LEA
Western scrub-jay	<i>Aphelocoma californica</i>	EC, FC, LEA, CC
Common raven	<i>Corvus corax</i>	EC, TH, FC, CC
Horned lark	<i>Eremophila alpestris</i>	TH
Cliff swallow	<i>Petrochelidon pyrrhonotta</i>	FC, FC**(nest), EC, TL
Barn swallow	<i>Hirundo rustica</i>	EC, LEA
Oak titmouse	<i>Baeolophus inornatus</i>	FC, CC
Chestnut-backed chickadee	<i>Poecile rufescens</i>	FC
Bushtit	<i>Psaltiriparus minimus</i>	EC, FC, FC**(nest), GP, TL, CC
White-breasted nuthatch	<i>Sitta carolinensis</i>	FC
Location: CC = Coyote Creek Riparian Corridor CR = Coyote Ridge EC = Metcalf Energy Center Plant Site FC = Fisher Creek Riparian Corridor GP = Gas Pipe Line Corridor TH = Tulare Hill Ecological Preserve TL = Transmission Line Corridor WL = Water Line Corridor LEA = Laydown expansion area LA = Laydown Area CTP = Construction Trade Parking Lot		
Notes: * Flyover or otherwise not utilizing area resources. ** Non-active sign (i.e. carcass, feather, nest, track)		
		Species in bold were recorded for the first time this month.

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project
and Linear Facilities Area (May 2001 to February 29, 2004) (Continued)**

Common Name	Scientific Name	Location
BIRDS (CONTINUED)		
Bewick's wren	<i>Thryomanes bewickii</i>	FC, TH, CC
Rock wren	<i>Salpinctes obsoletus</i>	FC, TH
Ruby-crowned kinglet	<i>Regulus calendula</i>	TH, FC, CC
Northern mockingbird	<i>Mimus polyglottos</i>	EC, FC
Western bluebird	<i>Sialia mexicana</i>	FC, CC, EC, LEA
American robin	<i>Turdus migratorius</i>	LA, EC, CC
Loggerhead shrike	<i>Lanius ludovicianus</i>	TH, FC, EC
Western kingbird	<i>Tyrannus verticalis</i>	CC
European starling	<i>Strumus vulgaris</i>	LEA, FC, EC
Rose-breasted grosbeak	<i>Pheucticus ludovicianus</i>	EC
California towhee	<i>Pipilo crissalis</i>	FC, TH, FC, CC
Dark-eyed junco	<i>Junco hyemalis</i>	FC, TH, CC
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	EC, FC, TH, CC
Song sparrow	<i>Melospiza melodia</i>	EC, LA, LEA, FC
Yellow-rumped warbler	<i>Dendroica magnolia</i>	TH, FC, CC
Western meadowlark	<i>Sturnella neglecta</i>	EC, LA, TH
Red-winged blackbird	<i>Agelaius phoeniceus</i>	FC
Brewer's blackbird	<i>Euphagus cyanocephalus</i>	FC, EC, CC
Bullock's oriole	<i>Icterus bullockii</i>	FC, FC**(nest), CC
House finch	<i>Carpodacus mexicanus</i>	EC, LA**, CC, FC
American goldfinch	<i>Carduelis tristis</i>	LEA
Lesser goldfinch	<i>Carduelis psaltria</i>	EC, FC, CC, TH
House sparrow	<i>Passer domesticus</i>	EC, FC, CC
MAMMALS		
Common raccoon	<i>Procyon lotor</i>	FC**(track)
Striped skunk	<i>Mephitis mephitis</i>	TH**(track)
Opossum	<i>Didelphis marsupialis</i>	EC
Coyote	<i>Canis latrans</i>	TH
Feral cat	<i>Felis catus</i>	EC
Bobcat	<i>Lynx rufus</i>	CC** (carcass)
California ground squirrel	<i>Spermophilus beechyi</i>	EC, FC, TH, TL
Western gray squirrel	<i>Sciurus griseus</i>	FC
Location: CC = Coyote Creek Riparian Corridor CR = Coyote Ridge EC = Metcalf Energy Center Plant Site FC = Fisher Creek Riparian Corridor GP = Gas Pipe Line Corridor TH = Tulare Hill Ecological Preserve TL = Transmission Line Corridor WL = Water Line Corridor LEA = Laydown expansion area LA = Laydown Area CTP = Construction Trade Parking Lot		
Notes: * Flyover or otherwise not utilizing area resources. ** Non-active sign (i.e. carcass, feather, nest, track)		
Species in bold were recorded for the first time this month.		

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project
and Linear Facilities Area (May 2001 to February 29, 2004) (Continued)**

Common Name	Scientific Name	Location
MAMMALS (CONTINUED)		
Valley pocket gopher	<i>Thomomys bottae</i>	LA**(carcass)
California vole	<i>Microtus californicus</i>	FC, EC
Deer mouse	<i>Peromyscus maniculatus</i>	TH, EC
Norway Rat	<i>Rattus norvegicus</i>	EC
Common muskrat	<i>Ondatra zibethicus</i>	FC
Black-tailed jackrabbit	<i>Lepus californicus</i>	EC, TH, CTP
Feral pig	<i>Sus scrofa</i>	CC**(carcass)
Tule elk	<i>Cervus nannodes</i>	CR
Black-tailed deer	<i>Odocoileus hemionus</i>	FC, GP, CC
Location: CC = Coyote Creek Riparian Corridor CR = Coyote Ridge EC = Metcalf Energy Center Plant Site FC = Fisher Creek Riparian Corridor GP = Gas Pipe Line Corridor TH = Tulare Hill Ecological Preserve TL = Transmission Line Corridor WL = Water Line Corridor LEA = Laydown expansion area LA = Laydown Area CTP = Construction Trade Parking Lot		
Notes: * Flyover or otherwise not utilizing area resources. ** Non-active sign (i.e. carcass, feather, nest, track)		
		Species in bold were recorded for the first time this month.

APPENDIX B

Wildlife Observation Forms

Figure B-1 Wildlife Observation Form

WILDLIFE OBSERVATION FORM	
To Record Animals Found in Marshall Energy Center Project Areas	
To be filled out by personnel who find active animal signs, and burrows, dens, and dead or injured wildlife, or other biological resources during daily construction impacts.	
Name of employee:	Mike J.O.C. McDonald
Date:	2/23/04
Location of observation:	plant site, south of HRS6 #1
Condition of wildlife:	alive <input type="checkbox"/> dead <input checked="" type="checkbox"/>
Species:	Rat or mouse
Possible cause of injury or death:	unknown
Where is the animal currently?	Road on plant site
Is the resource in danger of project (or other) impacts?	no
Comments:	
Please contact the Designated Biologist for questions and to report any wildlife, nest, or den in the project area that could be disturbed. The Designated Biologist will advise personnel on measures required by California Department of Fish and Game and United States Fish and Wildlife Service to protect fish, wildlife and vegetation from construction impacts.	
DESIGNATED BIOLOGIST: Debra Crowe (916) 920-0212 ext. 385	
BIOLOGICAL FIELD MONITOR: Todd Ellwood (408) 839-2402	
COMPANY: CH2MHILL ADDRESS: 2485 Natomas Park Drive, St. 600, Sacramento, CA 95833	
USFWS CONTACT: Cecilia Brown (916) 414-6625	
CDFG CONTACT: Mark Imsdahl (707) 944-5512	

Figure 1-1 Wildlife Observation Form

WILDLIFE OBSERVATION FORM	
To Record Animals Found In Metcalf Energy Center Project Areas	
To be filled out by personnel who find active nest sites and burrows, dens, and dead or injured wildlife, and other biological resources during daily construction activities.	
Name of employee:	DOUG SHOTWELL
Date:	2/9/04
Location of observation:	CRAFT PARKING LOT - WESTSIDE (2nd or 3rd Row)
Condition of wildlife:	
alive <input type="checkbox"/>	dead <input checked="" type="checkbox"/>
Species:	Jack Rabbit
Possible cause of injury or death:	
NATURAL CAUSES / PREDATOR	
Where is the animal currently?	
IN The Parking lot.	
Is the resource in danger of project (or other) impacts?	
No	
Comments:	The carcass looks to be a few days old.
Please contact the Designated Biologist for questions and to report any wildlife, nest, or den in the project area that could be disturbed. The Designated Biologist will advise personnel on measures required by California Department of Fish and Game and United States Fish and Wildlife Service to protect fish, wildlife and vegetation from construction impacts.	
DESIGNATED BIOLOGIST: Debra Crowe (916) 920-0212 ext. 385	
BIOLOGICAL FIELD MONITOR: Todd Ellwood (408) 889-2402	
COMPANY: CH2MHILL ADDRESS: 2485 Natomas Park Drive, Sl. 600, Sacramento, CA 95833	
USFWS CONTACT: Cecilia Brown (916) 414-6525	
CDEFG CONTACT: Mark Insdahl (707) 944-5512	

APPENDIX C

WEAT Sign-In Sheets

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

76
TOTAL
Feb. 04

Date: 02-02-04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

			FOR OFFICE USE ONLY	
	NAME (PRINT)	NAME (SIGNATURE)	COMPANY	BADGE NUMBER
W	Derek Gardner	<i>[Signature]</i>	REI	—
D	BRUCE TITTLE	<i>[Signature]</i>	REI	16828
W	Mark Fleishman	<i>[Signature]</i>	D.C. Macbald	—
W	MANMOHAN SINGH	<i>[Signature]</i>	PSF	—
W	Tim Latimer	<i>[Signature]</i>	PSF	—
W	Mike K. Vailo	<i>[Signature]</i>	PSF	—
W	CHRIS CERCH	<i>[Signature]</i>	RED-D-ARC	VISITOR
W	Dennis Van Veen	<i>[Signature]</i>	Red-D-Arc	VISITOR
D	DAN BONYUE	<i>[Signature]</i>	RED-D-ARC	VISITOR
W	DAVE DAVISON	<i>[Signature]</i>	AIR GAS	16830
W	Horacio Trejo	<i>[Signature]</i>	TOP GRADE	—

Instructor/s: *[Signature]*

(Biology, Archaeology, & Paleontology)

Date:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

D

Ammon

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 02.04.04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

			FOR OFFICE USE ONLY	
NAME (PRINT)	NAME (SIGNATURE)	COMPANY	BADGE NUMBER	EMPLOYEE ID NUMBER
Brian Miles	Brian Miles	Redwood Painting	16833	535
Tim Lakeman	Tim Lakeman	Redwood PTL Co.	16834	536
CHRIS PENNINGTON	Chris Pennington	DC McDONALD	—	00138
KIRK DAVIS	Kirk Davis	Calpine	16831	533
FRANK CAMBRA	Frank Cambra	TOP GRADE	16832	534
BOB GARCIA	Bob Garcia	TOP GRADE	—	00139
Refugio Munoz	Refugio Munoz	TOP GRADE	—	00140

Instructor/s: R. Monnell

(Biology, Archaeology, & Paleontology)

Date:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

W
W
W
W
D
W
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normal

(Biology, Archaeology, & Paleontology)

Date:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

FOR OFFICE USE ONLY

**BADGE
NUMBER**

**EMPLOYEE
ID NUMBER**

RUDY DOKICHI

W. L. Smith

PSF

16839

541

Judy Dukich

André Lukich

PSF

16840

542

Johnnie LeBlue

Chumie Sarho

PSF

DD/45

instructor/s:

Normal

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 02.17.04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

NAME (PRINT)	NAME (SIGNATURE)	COMPANY	FOR OFFICE USE ONLY	
			BADGE NUMBER	EMPLOYEE ID NUMBER
Brandi Lynch	Brandi Lynch	CALPINE	16841	543
JOSE L MEDIA	Jose L media	P.S.F	—	00147
BENITO PALOR	Bonito Palor	PSF CO	—	00148
John Jeffers	John Jeffers	Morse	—	00149
RAY TEIF	Ray Teif	MORSE	16842	544
Hector Higuera	Hector Higuera	Aluma	—	00150
SHAWN O'GAIRTY	Shawn O'Gairty	P.S.F	—	00151
Michael Mayhew	Michael Mayhew	PSF	—	00152
Kevin Sullins	Kevin Sullins	Aluma Systems	—	00153
Floyd Padgett	Floyd Padgett	PSF	—	00154

Instructor/s: [Signature]

(Biology, Archaeology, & Paleontology)

Date:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

W
W
W

Instructor/s:

Amme

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 02.23.04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

			FOR OFFICE USE ONLY	
NAME (PRINT)	NAME (SIGNATURE)	COMPANY	BADGE NUMBER	EMPLOYEE ID NUMBER
VICTOR M. FIGUEROA	Victor F.	TOP Grade const.	—	00158
TIM CHASSAGNE	Tim Chassagne	Aubrey	—	00159
JON C PETERSON	Jon C. Peterson	LLOYD W. AUBRY CO.	—	00160
DAN YOUNT	Daniel P. Yount	" " "	—	00161
TYLER TURNER	Tyler Turner	LLOYD W. AUBRY	—	00162
JAMES L. EVANS	James L. Evans	" " "	—	00163
BRUCE ANDERSON	Bruce Anderson	OLSON & CO. STEEL	16846	548
FRANK CRISPINO	Frank Crispino	OLSON & CO. STEEL	—	00164
MIKE THOMSEN	Mike Thomsen	LLOYD AUBRY	—	00165
MORICE JONES	Morice Jones	LLOYD AUBRY	—	00166
SAMUEL JOHNSON	Samuel Johnson	LLOYD W. AUBRY	—	00167
KELLY M. RANDALL	Kelly M. Randall	LLOYD W. AUBRY	16847	549
BARRETT RANDICK	Barrett Randick	LLOYD W. AUBRY CO.	16848	550
PHILIP J. CHRISTIE	Philip Christie	LLOYD W. AUBRY	—	00168
CARL F. PARSONS	Carl F. Parsons	P.S.F.	—	00169
CARLOS LEON	Carlos Leon	Olson & Co. Steel	—	00170
MICHAEL EGGER	Michael Egger	P.S.F.	—	00171

Instructor/s: N. M. M.

(Biology, Archaeology, & Paleontology)

PLEASE NOTE:

[illegible]**Instructor/s:**

Ammonel

METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 02.24.04

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

			FOR OFFICE USE ONLY	
NAME (PRINT)	NAME (SIGNATURE)	COMPANY	BADGE NUMBER	EMPLOYEE ID NUMBER
SCOTT ROSE	<i>Scott Rose</i>	Aluma Systems	16849	551
John Malta	<i>J. Malta</i>	" "	16850	552
Mike Russell	<i>Mike Russell</i>	P.S.F.	—	00176
Larry Oakes	<i>Larry Oakes</i>	Noter/Erikson	16851	553
RENE RIOS	<i>Rene Rios</i>	P.S.F.	—	00177
JAIME ORTIZ	<i>Jaime Ortiz</i>	J.J.A.	—	00178
MAURILIO NUÑO	<i>Maurilio Nuño</i>	S.S.A.	—	00179
Ernesto Garcia	<i>Ernesto Garcia</i>	J.J.A.	—	00180
		Albaniese		

Instructor/s: *Rhonomel*

(Biology, Archaeology, & Paleontology)

Date:

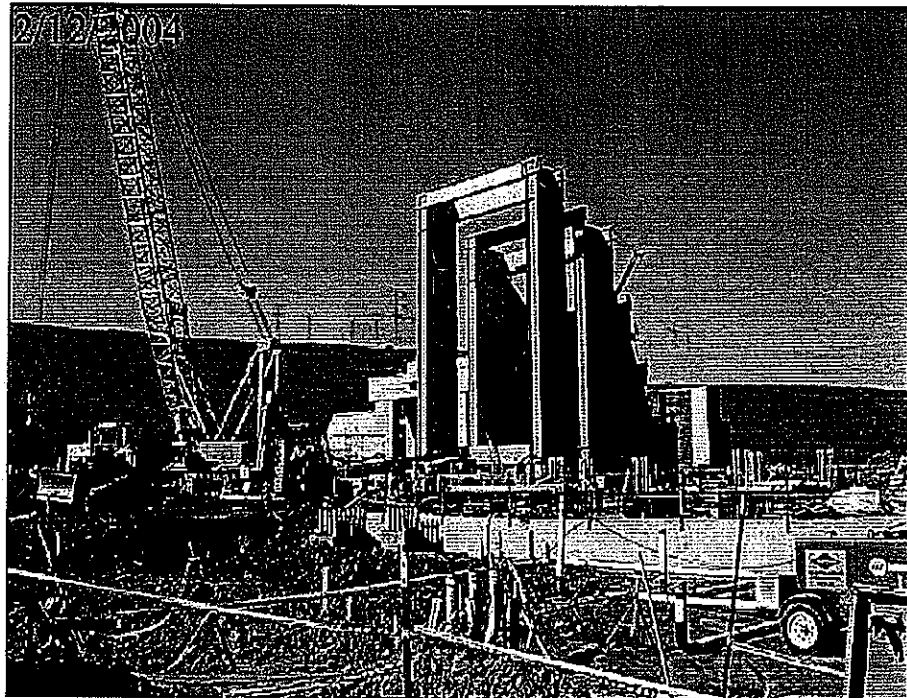
By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

DDW

Instructor/s:

APPENDIX D

Photographs



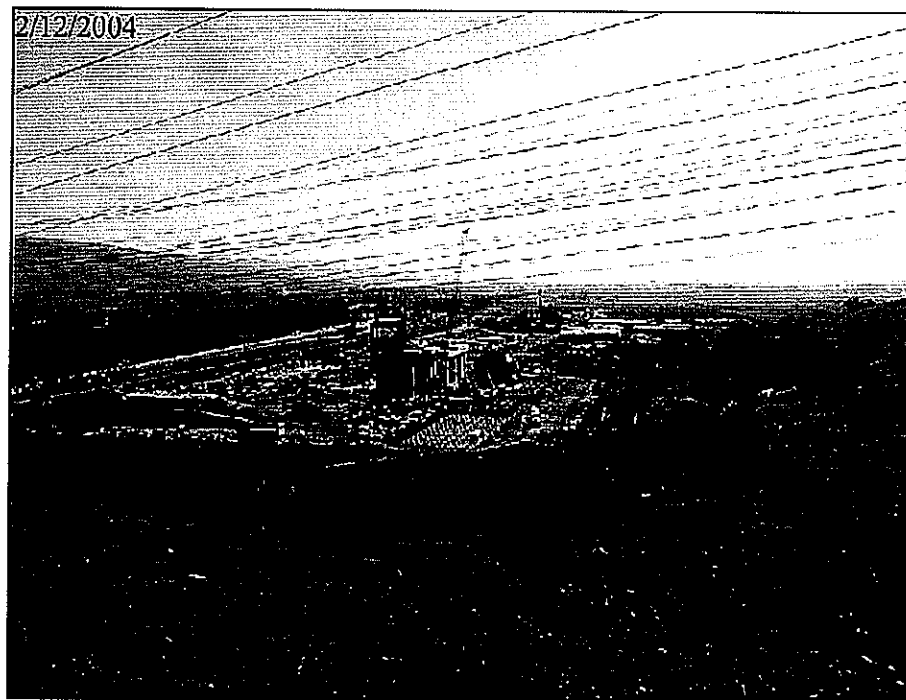
Site Activity



Cooling Tower Foundation



Red-Tailed Hawk Release



MEC Site

CONDITION OF CERTIFICATION CUL-7
WEEKLY SCHEDULES

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT

Activity ID	Activity Description	Early Start	Early Finish	2003				2004					
				SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
CPSTW00L4	SITE PREP	29JAN02A	12FEB03A	1-8-1522286	13-20273	1017241	8-1522298	12-19262	9-16231	8-1522295	12-19263	1017243	17-14212
UCCWS01L4	EXCAVATE - 1ST SECTION U/G CIRC WATER PIPE	14APR03A	23APR03A										
C2SIT11L4	EXCAVATE - PHASE ONE U/G P1	15SEP03A	10FEB04										
C2HRS25L4	EXCAVATE - HRSG 2	13OCT03A	15OCT03A										
C2SIT10L4	EXCAVATE - PHASE TWO U/G P1	21OCT03A	21NOV03A										
C2SIT12L4	EXCAVATE - PHASE TWO U/G P2	27OCT03A	08JAN04A										
C2SIT14L4	EXCAVATE - PHASE ONE U/G P2	05NOV03A	10FEB04										
C2SIT10L4A	EXCAVATE - MH7 - MH6	07NOV03A	10NOV03A										
C2STG09L4	EXCAVATE - STG PLATFORM PILE CAPS	10NOV03A	18NOV03A										
C2CTW02L4	EXCAVATE - COOLING TOWER PUMP PIT	17NOV03A	25NOV03A										
C2SIT09L4	EXCAVATE - PHASE 2 GRADING	17NOV03A	02MAR04										
C2GSU00L4C	EXCAVATE-230 KV GSU #3 TO SWTCHARD	19DEC03A	20DEC03A										
C2SIT15L4	EXCAVATE - PHASE THREE U/G P1	05JAN04A	26FEB04										
C2CTG23L4	EXCAVATE - CTG #2 FOUNDATION	07JAN04A	08JAN04A										
C2GSU00L4B	EXCAVATE - 230 KV GSU #2 TO SWTCHARD	19JAN04A	19FEB04										
C2GSU00L4A	EXCAVATE-230 KV GSU #1 TO SWTCHARD	19JAN04A	25FEB04										
C2SIT13L4	EXCAVATE - PHASE THREE U/G P2	26JAN04A	02MAR04										
C2STG48L4	EXCAVATE - STG PLATFORM GRADE BEAMS	11FEB04*	12FEB04										
C2GSU01L4	EXCAVATE - GSU #1	17FEB04*	23FEB04										
C2GSU02L4	EXCAVATE - GSU #2	24FEB04	01MAR04										
C2CTW09L4	EXCAVATE - CIRC WATER PIPE SUPPORTS	16MAR04	17MAR04										

Activity ID	Activity Description	Early Start	Early Finish	2003				2004					
				SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
CPSTW00L4	SITE PREP	29JAN02A	12FEB03A	1:8:1522295	1320273	1017241	8:1522295	1219262	9:16231	8:1522295	1219263	1017243	17:14212
UCCWS01L4	EXCAVATE - 1ST SECTION U/G CIRC WATER PIPE	14APR03A	23APR03A										
C2SIT11L4	EXCAVATE - PHASE ONE U/G P1	15SEP03A	12FEB04A										
C2HRS25L4	EXCAVATE - HRSG 2	13OCT03A	15OCT03A										
C2SIT10L4	EXCAVATE - PHASE TWO U/G P1	21OCT03A	21NOV03A										
C2SIT12L4	EXCAVATE - PHASE TWO U/G P2	27OCT03A	08JAN04A										
C2SIT14L4	EXCAVATE - PHASE ONE U/G P2	05NOV03A	11FEB04A										
C2SIT10L4A	EXCAVATE - MH7 - MH6	07NOV03A	10NOV03A										
C2STG09L4	EXCAVATE - STG PLATFORM PILE CAPS	10NOV03A	18NOV03A										
C2CTW02L4	EXCAVATE - COOLING TOWER PUMP PIT	17NOV03A	25NOV03A										
C2SIT09L4	EXCAVATE - PHASE 2 GRADING	17NOV03A	11MAR04										
C2GSU00L4C	EXCAVATE-230 KV GSU #3 TO SWITCHARD	19DEC03A	20DEC03A										
C2SIT15L4	EXCAVATE - PHASE THREE U/G P1	05JAN04A	08MAR04										
C2CTG23L4	EXCAVATE - CTG #2 FOUNDATION	07JAN04A	08JAN04A										
C2GSU00L4B	EXCAVATE - 230 KV GSU #2 TO SWITCHARD	19JAN04A	11FEB04A										
C2GSU00L4A	EXCAVATE-230 KV GSU #1 TO SWITCHARD	19JAN04A	12FEB04A										
C2GSU01L4	EXCAVATE - GSU #1	19JAN04A	12FEB04A										
C2SIT13L4	EXCAVATE - PHASE THREE U/G P2	26JAN04A	05MAR04										
C2GSU02L4	EXCAVATE - GSU #2	02FEB04A	10FEB04A										
C2STG48L4	EXCAVATE - STG PLATFORM GRADE BEAMS	11FEB04A	12FEB04A										
C2CTW09L4	EXCAVATE - CIRC WATER PIPE SUPPORTS	30MAR04	31MAR04										

CONDITION OF CERTIFICATION PAL-4
PALEO MONTHLY SUMMARY REPORT

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT

**Metcalf Energy Center Project
Paleontological Resource Monitoring and Mitigation Program**

Monthly Report

Project Name: Metcalf Energy Center (MEC)

Project Number: 01-17

Clients: Calpine/CH2M Hill

Month: February 2004

Designated Paleontological Resource Specialist: Dr. Lanny H. Fisk, PhD, RG

Monthly Report for February 2004:

During the month of February 2004, PaleoResource Consultants (PRC) continued to work with Calpine Corporation through their environmental consultants, CH2M Hill, to mitigate potential adverse impacts to paleontological resources (fossils) which might result from construction of the Metcalf Energy Center (MEC) and associated linear facilities (including a natural gas pipeline, cooling-water supply line, and electrical transmission line) all located in south San Jose, California. In its Conditions of Certification (COCs) for MEC, the California Energy Commission (CEC) mandated that Calpine adopt Society of Vertebrate Paleontology (SVP) standard guidelines for the mitigation of construction-related adverse impacts on paleontological resources. In compliance with SVP standard guidelines, in November 2002 we recommended reducing paleontological monitoring at the MEC plant site to only deep excavations that would impact previously undisturbed sediment. The CEC Compliance Project Manager approved this reduced monitoring plan.

During February 2004, deep excavations at the MEC plant site needing to be monitored included trenching for electrical conduit duct banks with several deep manholes. These excavations were monitored by PRC paleontological resource monitors David F. Maloney or Phillip R. Peck. Excavations were up to ten (10) feet deep and disturbed engineered fill overlying up to six (6) feet of interbedded alluvial sediments. Alluvial sediments consisted of dark brown clay overlying light brown to tan silty clay, sandy silt, silty sand, or well-sorted, cross-bedded, sandy to pebbly gravel. No paleontological resources were discovered in these alluvial sediments during monitoring. However, the depositional environment appears to be conducive to fossil accumulation and preservation.

No ground-disturbing activities occurred during February 2004 along the right-of-way of any of the off-site linear facilities. Excavations for the natural-gas pipeline, cooling-water pipeline, and electrical transmission line are not scheduled to start until next month. Full-time paleontological monitoring will be done at the beginning of excavations for each of these linear facilities. Then, in compliance with SVP standard guidelines, once one-half the excavations for each of these facilities is completed, if no significant fossils have been discovered, monitoring will be reduced to half-time, quarter-time, spot-checking, or suspended entirely. As startup of construction for these portions of the project nears, Calpine will contact PRC with specific dates.

Calpine Environmental Compliance Manager Kristen O'Kane continues to notify us regarding any scheduled excavations that would impact previously undisturbed sediments, asking if we think that paleontological monitoring is necessary. In most cases, since these excavations would only impact a few feet of undisturbed sediments and since paleontological resources have not previously been discovered at such shallow depths at MEC, we have responded that, in our professional opinion, no monitoring is necessary. However, PRC paleontological monitors are available and "on-call" to monitor or spot check deeper excavations at the MEC plant site or other earth-moving activities related to the MEC project.

CONDITION OF CERTIFICATION SOCIO-1
LIST OF PLANNED PROCUREMENT

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT

SOCIO-1: List of planned procurement of materials or hiring outside the local regional area during the next two months.

Material/equipment	Manufacturer	Point of Origin	Reason
Pipe and pipe hangers	IPS	Louisiana	Not available locally/ National Service Agreement
Valves	Bray Controls	Texas	Not available locally/ National Service Agreement
Valves	CCI	Southern California	Not available locally/ National Service Agreement
Valves	CTI	Texas	Not available locally/ National Service Agreement
Tanks	CH Murphy	Oregon	Not available locally/ National Service Agreement
GSU Transformers	ABB	Sacramento	Not available locally/ National Service Agreement
CCW Heat Exchanger	Alfa Laval, Inc.	Virginia	Not available locally/ National Service Agreement

COMPLIANCE MATRIX

**METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT**

As of February 29, 2004

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
AQ-1	Minimize emissions of carbon monoxide (CO) and nitrogen oxides (NOx) from S-1 and S-3 GTs; and S-2 and S-4 HRSGs.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report				
AQ-2	Tune combustors of S-1 & S-3 GTs and S-2 and S-4 HRSGs duct burners to minimize emissions of CO and NOx.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report				
AQ-3	Install, adjust, and operate A-1 and A-2 SCR Systems to minimize emissions of CO and NOx from S-1 and S-3 GTs and S-2 and S-4 (HRSGs)	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report				
AQ-4	With steady-state operation of A-1 & A-2 SCR systems shall comply with NOx and CO emission limitations.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report				
AQ-5	Submit plan to DPSP and CPM describing procedures to be followed during commissioning of GTs, HRSGs, and STGs.	At least 28 days prior to first firing of the gas turbines, submit a complete commissioning plan.	28 days prior to first fire of Gas Turbines				
AQ-6	Demonstrate compliance with conditions 8-10 through the use of properly operated and maintained CEMS and data recorders.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report				
AQ-7	Install, calibrate, operate District approved CEMS monitors prior to first firing of GTs and HRSGs.	In Monthly Compliance Report indicate how this condition is being implemented.	Monthly Compliance Report				
AQ-8	Total no. of firing hours for S-1 GT and S-2 HRSG without abatement of A-1 SCR shall not exceed 300 hours during commissioning.	In the MCR indicate the cumulative number of firing without SCR. Submit a copy of the completion notice to CPM.	Monthly Compliance Report				
AQ-9	Total no. of firing hours for S-3 GT and S-4 HRSG without abatement of A-3 SCR shall not exceed 300 hrs during commissioning period.	In the MCR indicate the cumulative number of firing without SCR. Submit a copy of the completion notice to the CPM.	Monthly Compliance Report				
AQ-10	Total mass emissions of NOx, CO, POC, PM10, and SO2 emitted by the GTs and HRSGs during the commissioning period shall accrue towards the consecutive 12-month emission limitations.	In the MCR indicate the cumulative number of firing without SCR. Submit a copy of the completion notice to the CPM.	Monthly Compliance Report				
AQ-11	Combined daily emissions from GTs and HRSGs shall not exceed the following during the commissioning period: Nox = 4805; CO = 11,498; POC = 495; PM10 = 468; SO2 = 42.	In the monthly compliance report indicate any violations of the emission limits	Monthly Compliance Report				
AQ-12	Submit to District and CPM a detail source test plan and conduct District and CEC approved source test using external CEMS to determine compliance with Condition 21.	20 working days before the execution of the source tests, submit to the District and CPM a detailed source test plan designed to satisfy the requirements of this condition.	20 days prior to source test per AQ-12				
AQ-12	Submit to District and CPM a detail source test plan and conduct District and CEC approved source test using external CEMS to determine compliance with Condition 21.	Source test results shall be submitted to the District and the CEC CPM within 30 days of the source testing date.	Within 30 days of source tests per AQ-12 complete				
AQ-12	Submit to District and CPM a detail source test plan and conduct District and CEC approved source test using external CEMS to determine compliance with Condition 21.	Notify the District and the CEC CPM.	Within seven (7) working days prior to the planned testing date				

As of February 29, 2004

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
AQ-13	GTs (S-1, S-3) and HRSG (S-2, S-4) shall be fired exclusively on natural gas. (BACT for SO ₂ and PM ₁₀)	As part of the semiannual Air Quality Reports, indicate the date, time, and duration of any violation of this condition.	Semiannual Air Quality Reports				
AQ-14	Combined heat input rate of each power train (S-1 & S-2, S-3 & S-4) shall not exceed 2,124 MMBtu/hr (3-hour rolling average) (PSD for NO _x)	As part of the Air Quality monthly Reports, include information on the date and time when the hourly fuel consumption exceed this hourly limit.	Monthly Air Quality Reports				
AQ-15	Combined heat input rate of each power train (S-1 & S-2 and S-3 & S-4) shall not exceed 49,908 MMBtu/day (PSD for PM ₁₀)	As part of the Air Quality monthly Reports, include information on the date and time when the hourly fuel consumption exceed this daily limit.	Monthly Air Quality Reports				
AQ-16	Combined cumulative heat input rate of GTs (S-1, S-3) and HRSGs (S-2, S-4) shall not exceed 35,274,060 MMBtu/yr. (Offsets)	As part of the Air Quality annual Reports, include information on the date and time when the annual cumulative fuel consumption exceed this annual limit.	Annual Air Quality Reports				
AQ-17	HRSGs (S-2, S-4) duct burners shall not be fired unless associated GTs (S-1, S-3) are in operation. (BACT for NO _x)	As part of the Air Quality Reports, include information on the date, time, and duration of any violation of this permit condition.	Monthly Air Quality Reports				
AQ-18	GT/HRSG (S-1/S-2) shall be abated by the A-1 SCR system whenever fuel is combusted in these units and the A-1 catalyst bed has reached min. operating temperature.	As part of the semiannual Air Quality Reports, provide information on any major problem in the operation of the Oxidizing Catalyst and Selective Catalytic Reduction Systems for the Gas Turbines and HRSG's.	Semiannual Air Quality Reports				
AQ-19	GT/HRSG (S-3/S-4) shall be abated by the A-2 SCR system whenever fuel is combusted in these units and the A-2 catalyst bed has reached min. operating temperature.	As part of the semiannual Air Quality Reports, provide info. on any major problem in the operation of the Oxidizing Catalyst and Selective Catalytic Reduction Systems for the Gas Turbines and HRSGs.	Semiannual Air Quality Reports				
AQ-20(a)	Emission requirements: Emission Point P-1 NO _x = 19.2 lbs/hr [0.00904 lbs/MMBtu (HHV) of nat. gas fired] ; Emission Point P-2 NO _x = 19.2 lbs/hr [0.00904 lbs/MMBtu (HHV) of nat. gas fired] .	As part of the semiannual Air Quality Reports, indicate the date, time, and duration of any violation. Include quantitative info. on the severity of the violation.	Semiannual Air Quality Reports				
AQ-20(b)	NO _x Emission concentration = 2.5 ppmvd (corrected to 15% O ₂), 1-hr average (Emission Point P-1, P-2) (BACT for NO _x).	Same as above	Semiannual Air Quality Reports				
AQ-20(c)	CO mass emission = 28.07 lbs/hr (at any 3-hour rolling avg.) (Emission Point P-1, P-2).	Same as above	Semiannual Air Quality Reports				
AQ-20(d)	When the heat input to a CT exceeds 1700 MMBTU/hr (HHV), the CO emission concentration shall not exceed 6.0 ppmvd on dry basis and the CO mass emission rate shall not exceed 0.0132 lb/MMBTU at any 3-hr rolling average.	Same as above	Semiannual Air Quality Reports				
AQ-20(e)	Ammonia (NH ₃) emission concentration shall not exceed 5 ppmvd on dry basis, at any 3-hour rolling avg. Ammonia injection rate to A-1, A-2 to be verified through continuous recording of rate.	Same as above	Semiannual Air Quality Reports				

As of February 29, 2004

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
AQ-20(f)	Precursor organic compounds (POC) mass emissions (as CH ₄) shall not exceed 2.7 lbs/hr or 0.00126 lbs/MMBTU of natural gas fired. (Emission points P-1, P-2).	Same as above	Semiannual Air Quality Reports				
AQ-20(g)	Sulfur dioxide (SO ₂) mass emissions at P-1, P-2 each shall not exceed 1.28 pounds per hour or 0.0006 lb /MM BTU of natural gas fired. (BACT)	Same as above	Semiannual Air Quality Reports				
AQ-20(h)	PM ₁₀ mass emissions at P-1, P-2 each shall not exceed 9 pounds per hour or 0.00452 lb PM ₁₀ /MM BTU. Particulate matter (PM ₁₀) mass emissions at P-1, P-2 each shall not exceed 12 pounds per hour or 0.00565 lb PM ₁₀ /MM BTU, when HRSG duct burners are in operation.	Same as above	Semiannual Air Quality Reports				
AQ-21	GT (S-1, S-3) Start-up and Shutdown emission rates.	Same as above	Semiannual Air Quality Reports				
AQ-22	Not more than one GT (S-1, S-2) shall be in start-up mode at any one time.	In the monthly compliance report indicate how this condition is being implemented.	Monthly Compliance Report				
AQ-23	HRSGs and ducting shall be designed such that an oxidation catalyst shall be readily installed if deemed necessary by APCO to insure compliance with CO emissions rates.	In the semiannual compliance report indicate how this condition is being implemented	Semiannual Air Quality Reports				
AQ-24	Total combined emissions in lbs/day, from GTs and HRSGs (S-1, S-2, S-3, S-4), including start-up and shutdown.	As part of the semiannual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Semiannual Air Quality Reports				
AQ-25	Cumulative combined emissions in tons/any consecutive 12-month period, from GTs and HRSGs shall not exceed NO _x = 123.4 (offsets), CO=588, POC=28 (offsets), PM ₁₀ =91.3 (offsets), SO ₂ =10.6 (cumulative increase).	As part of the semiannual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Semiannual Air Quality Reports				
AQ-26	Maximum projected combined annual toxic air contaminant emissions from GTs and HRSGs (S-1, S-2, S-3, S-4). (a) formaldehyde = 3,796 lbs/yr (b) Benzene = 480 lbs/yr (c) PAHs=22.8 lbs/yr	As part of the annual Air Quality Reports, indicate the date, duration, and severity of any violation including quantitative information on the severity of the violation.	Annual Air Quality Reports				
AQ-26	Perform health risk assessment using emission rates per BAAQMD approved procedures and submit risk analysis to District and CPM.	As part of the annual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation or submit risk analysis to District and CPM.	Within 60 days of source test date				
AQ-27 (a-d)	Demonstrate compliance with conditions 14-17, 20(a), 21, 22, 24(a), 24(b), 25(a), 25(b) by using continuous monitors during all operating hours for the following parameters.	As part of the annual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Annual Air Quality Reports				

As of February 29, 2004

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
AQ-27(e-f)	Use parameters in condition 27(a-d) and District approved methods to calculate the following. (e) Heat input rate for S-1 & S-2 combined, and S-3 & S-4 combined (f) Corrected NOx and CO concentrations and mass emissions at each exhaust point (P-1, P-2)	As part of the annual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Annual Air Quality Reports				
AQ-27(g-l)	For each source, source grouping, or exhaust point record parameters at least once every 15 minutes and calculate and record for the following. Refer to AQ-27 for further details.	As part of the annual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Annual Air Quality Reports				
AQ-28(a-b)	Demonstrate compliance with conditions 20, 21, 24, 25 by calculating and recording on a daily basis POC, PM10, and SO2 mass emissions fine PM10 and SO2 from each power train.	As part of the monthly Air Quality Reports, the owner/operator shall indicate the date of any violation including quantitative information on the severity of the violation.	Monthly Air Quality Reports				
AQ-29	Calculate and record on annual basis the max. projected annual emissions of formaldehyde, benzene, Specified Poly-Aromatic Hydrocarbons (PAH's).	As part of the annual Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Annual Air Quality Reports				
AQ-30	Within 60 days of startup, conduct a District-approved source test on exhaust points P-1 or P-2 to determine the corrected ammonia concentration to determine compliance with condition 20(e).	Source test protocols shall be submitted at least 90 days before startup. Approval of the source test protocols and the source test reports shall be deemed as verification for this condition.	90 days before startup				
AQ-30	Conduct a District-approved source test on exhaust points P-1 or P-2 to determine the corrected ammonia concentration to determine compliance with condition 20(e).	Conduct test within 60 days of startup	Within 60 days of startup				
AQ-30	Conduct a District-approved source test on exhaust points P-1 or P-2 to determine the corrected ammonia concentration to determine compliance with condition 20(e).	Submit source test results to the District and to the CEC CPM.	Within 30 days of the tests				
AQ-30	Conduct a District-approved source test on exhaust points P-1 or P-2 to determine the corrected ammonia concentration to determine compliance with condition 20(e).	Notify the District and the CEC CPM.	Within seven working days before the execution of the source tests.				
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Submit source test protocols. Approval of the source test protocols and the source test reports shall be deemed as verification for this condition.	90 days before startup				
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Conduct test within 60 days of startup and on annual basis thereafter.	Within 60 days startup				
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Notify the District and the CEC CPM.	Within seven (7) working days before the execution of the source tests				
AQ-31	Conduct a District-approved source test on exhaust points P-1 and P-2 while each GT and HRSG are operating at max load.	Submit source test results to the District and to the CEC CPM.	Within 30 days of the date of the tests				

As of February 29, 2004

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
AQ-32	Obtain approval for all source test procedures from District Source Test Section and CPM prior to conducting tests.	Provide a copy of source test protocol.	90 days before startup				
AQ-32	Obtain approval for all source test procedures from District Source Test Section and CPM prior to conducting tests.	Notify the District's Source Test Section and the CEC CPM in writing of the Source Test Protocols and projected test dates at least 7 days prior to the testing date(s).	7 days prior to testing date(s)				
AQ-33	Conduct a District-approved source test within 60 days of startup on each exhaust point (P-1, P-2). Also test the GTs at minimum load.	Notify the District and the CEC CPM at least 7 working days before the owner/operator plans to conduct source testing as required by this condition.	Execution of the Source Tests within 60 days of startup				
AQ-33	Conduct a District-approved source test within 60 days of startup on each exhaust point (P-1, P-2). Also test the GTs at minimum load.	Conduct test.	Within 60 days of startup and on biennial basis thereafter				
AQ-33	Conduct a District-approved source test within 60 days of startup on each exhaust point (P-1, P-2). Also test the GTs at minimum load.	Source test results shall be submitted to the District and the CEC CPM.	Within thirty (30) days of conducting the test				
AQ-34	Submit all reports as required by District Rules or Regulations and in accordance with all procedures and time limits.	Submit a copy of test protocols at least 90 days before startup.	90 days before startup				
AQ-35	Maintain records and reports on site for a minimum of 5 years.	During site inspection, make all records and reports available to the District, California Air Resources Board, and CEC staffs.	AQ Inspection per AQ-35				
AQ-36	Notify District and CPM of any violations of these permit conditions.	Submittal of these notifications as required by this condition is the verification of these permit conditions.	Violation of Permit Conditions				
AQ-37	Stack height of emission points (P-1, P-2) shall be at least 145 feet above grade at the stack base. (GT/HRSG stack height).	Submit the drawings for review and approval.	45 days prior to the release to the manufacturer	7/15/02	7/23/02		Submitted
AQ-38	Provide adequate stack sampling ports and platforms to enable the performance of source testing.	120 days before initial operation, submit to the BAAQMD and the CEC CPM a plan for the installation of stack sampling ports and platforms.	120 days before Initial Operation	2/1/04			
AQ-38	Provide adequate stack sampling ports and platforms to enable the performance of source testing.	Within 60 days of receipt of the plan, the BAAQMD will advise the Owner/Operator and the CPM of the acceptability of the plan.	Approval by BAAQMD and CPM after submittal				
AQ-39	Contact the BAAQMD Technical Services division regarding requirements for the continuous monitors, sampling ports, platforms, and source tests.	Contact the BAAQMD Technical Services division.	Within 180 days of Issuance of Authority to Construct	8/12/02	7/29/02		In progress
AQ-39	Contact the BAAQMD Technical Services division regarding requirements for the continuous monitors, sampling ports, platforms, and source tests.	Notify the CEC CPM at least seven (7) working days before these contacts are made.	7 days before contacts are made	8/5/02	2/28/02	N/A	Complete
AQ-40	Demonstrate valid ERCs in the amount of 212.75 tons/year of NOx and 28 tons/yr of POC or equivalent as defined by District Regs 2-2-302.1 and 2-2-302.2	No more than 30 days after the issuance of an Authority to Construct, provide a copy of the ATC to the CEC CPM for review.	Within 30 days after issuance of Authority to Construct	3/15/02	2/22/02	N/A	Complete

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METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
AQ-41	Provide to District valid ERC banking certificates in the amount of 212.75 ton/yr of Nox and 28 tons/yr of POCs or equivalent.	At least 30 days prior to the start of construction, submit a copy of the required offset or ERCs certificates to the CPM.	30 days prior to start of construction	8/2/02	7/26/02	N/A	Complete
AQ-42	Submit an application to the BAAQMD for a major facility review permit within 12 months of the issuance of the PSD permit for the MEC.	Submit an application to BAAQMD major facility review permit. Notify the CEC CPM of the submittal of this application.	Within 12 months of issuance of PSD Permit		1/9/02	N/A	Complete
AQ-42	Submit an application to the BAAQMD for a major facility review permit within 12 months of the issuance of the PSD permit for the MEC.	Submit to the CPM a copy of the Federal (Title V) Operating Permit.	30 days after permit issued				Expect to receive permit in Spring 2004.
AQ-43	Submit an application to the District for a Title IV operating permit at least 24 months prior to the initial operation of any GTs or HRSGs.	Submit to the CPM a copy of the application for the Title IV operating permit.	24 months before initial operation		8/1/01		
AQ-44	Comply with the continuous emission monitoring requirements of 40 CFR Part 75.	Submit to the CPM a plan on how the measurements and recordings required by this condition will be performed.	60 days before Initial Operation				
AQ-45	Take monthly samples of natural gas combusted at MEC and analyze these samples for sulfur content using District-approved lab methods.	Maintain on site the records of all the guarantees received from its natural gas suppliers indicating that the fuel delivered to MEC complies with the 40 CFR Part 60, Subpart GG.	On-site Compliance Inspections				
AQ-46	Cooling towers shall be properly maintained to minimize drift losses.	Submit a performance guarantee letter from the cooling tower manufacturer.	30 days prior to installation of Cooling Tower per AQ-46				
AQ-47a	Perform visual inspection of cooling tower drift eliminators once per calendar year and repair or replace any drift eliminators which are broken or missing.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition.	Monthly Air Quality Reports				
AQ-47b	Have cooling tower representative inspect the cooling tower drift eliminators and certify installation was performed in a satisfactory manner.	Have cooling tower representative inspect the cooling tower drift eliminators and certify installation.	Initial Operation				
AQ-47c	Perform an initial performance source test to determine the PM10 emission rate from the cooling tower to verify compliance with the vendor-guaranteed drift rate.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition.	Within 60 days of initial operation of the cooling tower				
AQ-48	Implement a CPM approved Fugitive Dust Control Plan during construction.	Submit the plan to the CEC CPM for review and approval	60 days prior to start of construction	6/12/01	6/12/01	10/12/01	Complete
AQ-48	Implement a CPM approved Fugitive Dust Control Plan during construction.	Maintain daily records to document the specific actions taken pursuant to the plan. Summary of activities in MCR.	Monthly Compliance Report				On-going
AQ-49	During construction owner shall: 1. Prevent or remove within 1-hour the track-out of bulk material onto public paved roads 2. Install and use a track-out control device 3. Minimize fugitive particulate emission. Daily inspections of conditions mandated.	The project owner shall maintain a daily log during the construction phase of the project. The logs shall be made available to the CEC CPM upon request.	Start of Construction				On-going
AQ-50	Identify the source of the fugitive dust and implement one or more of the appropriate control measures specified in Table 3.	Maintain a daily log recording the dates and times that measures have been implemented and make them available to the CEC CPM upon request.	Start of Construction				On-going

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START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
AQ-51	Provide the District with valid ERC certificates for PM10 for the amount of 29.21 tons per year and for VOC for the amount of 124.2 tons per year from the sources noted in Condition 51.	At least 30 days prior to the start of construction, the project owner must submit a copy of the required ERC certificates to the CPM and the District.	30 days prior to start of construction	8/2/02	7/26/02	N/A	Complete
AQ-52	The project owner shall mitigate, to the extent practical, construction related emission impacts from off-road, diesel fired construction equip. Details of Plans shown in Condition AQ-52.	Submit to the CPM for approval the qualifications of the CMM at least 45 days prior to due date for diesel construction equipment.	45 days prior to rough grading	11/30/01	8/27/01	9/27/01	Complete
AQ-52	The project owner shall mitigate, to the extent practical, construction related emission impacts from off-road, diesel fired construction equip. Details of Plans shown in Condition AQ-52.	Submit Construction Equipment Mitigation Plan 30 days prior to rough grading or construction of linear facilities.	30 days prior to rough grading	12/15/01	9/7/01	9/27/01	Complete
AQ-52	The project owner shall mitigate, to the extent practical, construction related emission impacts from off-road, diesel fired construction equip. Details of Plans shown in Condition AQ-52.	Submit Report of Change to the CPM no later than 10 working days after use of equipment on site.	10 days after use of equipment on site				
AQ-53	The heat input to the fire pump diesel engine shall not exceed 211 MM BTU totaled over any consecutive twelve month period.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Monthly Air Quality Reports				
AQ-54	The total hours of operation of the emergency generator shall not exceed 200 hours per calendar year, plus an additional 100 hours per calendar year for the purposes of maintenance and testing.	As part of the monthly Air Quality Reports, indicate the date of any violation of this Condition including quantitative information on the severity of the violation.	Monthly Air Quality Reports				
AQ-55	Install an oxidation catalyst to control VOC emissions.	As part of its final design plans, specifications, and drawings, submit to the District and the CPM for review and approval the final selection and design details of combustion equipment, including emission systems.	Submittal of final design plans				In progress. Plan to submit in March/April 04.
Public Health-1	Perform a visual inspection of the cooling tower drift eliminators once per calendar year. Prior to initial operation of the project, have the cooling tower vendor's field representative inspect the cooling tower drift eliminator and certify that the installation was performed in a satisfactory manner.	Prior to initial operation of the project, have the cooling tower vendor's field representative inspect the cooling tower drift eliminator and certify that the installation was performed in a satisfactory manner.	Prior to initial operation				
Public Health-1	Perform a visual inspection of the cooling tower drift eliminators once per calendar year. Prior to initial operation of the project, have the cooling tower vendor's field representative inspect the cooling tower drift eliminator and certify that the installation was performed in a satisfactory manner.	The project owner shall include the results of the annual inspection of the cooling tower drift eliminators and a description of any repairs performed in the next required compliance report.	Annual Compliance Report				

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START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
WORKER SAFETY 1	Project Construction Safety and Health Program, containing the following: A Construction Injury and Illness Prevention Program, A Construction Fire Protection and Prevention Plan, A Personal Protective Equipment Program.	Submit to the CPM a copy of the Project Construction Safety and Health Program and the Personal Protective Equipment Program, with a copy of the cover letter transmittal of the programs to Cal/OSHA.	30 days prior to start of construction	8/2/02	9/27/01(Bechtel)	2/1/02(Bechtel)	Resubmitted for Mortenson. OSHA Consultation completed 2/21/02. Submitted OSHA approval of Mortenson Plan 3/12/02.
WORKER SAFETY 1	Project Construction Safety and Health Program, containing the following: A Construction Injury and Illness Prevention Program, A Construction Fire Protection and Prevention Plan, A Personal Protective Equipment Program.	Submit to the CPM a letter from the San Jose Fire Department stating that they have reviewed and accepted the Construction Fire Protection and Prevention Plan.	30 days prior to start of construction	8/2/02	7/31/01	2/1/02	Response to Fire Depts. comments submitted 4/9/02.
WORKER SAFETY 2	Project Operation Safety and Health Plan containing the following: Operation Injury and Illness Prevention Plan. Emergency Action Plan. Operation Fire Protection Plan. Personal Protective Equipment Program.	The Plan shall be submitted to the Cal/OSHA Consultation Service, for review and comment concerning compliance of the program with all applicable Safety Orders	Start of Operation				
WORKER SAFETY 2	Project Operation Safety and Health Plan containing the following: Operation Injury and Illness Prevention Plan. Emergency Action Plan. Operation Fire Protection Plan. Personal Protective Equipment Program.	Submit to the CPM a copy of the final version of the Project Operation Safety & Health Program with a copy of the cover letter to Cal/OSHA's Consultation Service, and San Jose Fire Department comments stating that they have reviewed and accepted the specified elements of the Plan.	30 days prior to start of operation				
WORKER SAFETY 3	Reach an agreement with the San Jose Fire Dept on the amount of fees and timing of payment they will provide to cover project-specific impacts associated with worker safety and fire protection.	Provide the CPM with a copy of an agreement with the City of San Jose Fire Department or shall provide an interim plan to address impacts until a permanent agreement can be reached.	60 days prior to ground disturbance	11/15/01	7/20/01	2/1/02	Complete
WORKER SAFETY 3	Reach an agreement with the San Jose Fire Dept on the amount of fees and timing of payment they will provide to cover project-specific impacts associated with worker safety and fire protection.	If an agreement cannot be reached at least 60 days prior to construction, the project owner will inform the CPM and propose a plan to mitigate impacts on fire services.	60 days prior to ground disturbance	11/15/01	7/20/01	2/1/02	Complete
TLSN-1	The project owner shall construct the proposed transmission line according to the requirements of Section 2700 through 2974 of the California Code of Regulations and PG&E's EMF-reduction measures.	Submit to the CPM a letter affirming that the transmission line will be constructed according to the requirements.	30 days prior to start of construction of Transmission Line	5/30/04			
TLSN-2	Identify and correct any complaints of interference w/ radio and TV signals from operation of line and facilities.	All reports of line-related complaints shall be summarized and included for 5 years in the Annual Compliance Report to the CPM	Annual Compliance Report				
TLSN-3	Engage a qualified consultant to measure the strengths of the line electric and magnetic fields in the project owner's 240-foot section before and after the 230 kV line is energized.	File copies of the pre-and post energization measurements with CPM. These measurements shall be completed within 6 months of the start of the operations.	60 days after completion of measurements				
TLSN-4	Ensure that the transmission line right-of-way is kept free of combustible material.	Provide a summary of inspection results and any fire prevention activities carried out along the ROW in the annual compliance report.	Annual Compliance Report				

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START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
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Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
TLSN-5	Ensure the grounding of any ungrounded permanent metallic objects within the right-of-way of the overhead section.	Transmit to the CPM a letter confirming compliance with this Condition	30 days prior to energization of transmission line				
HAZ-1	Do not use any hazardous material in reportable quantities, not listed in Attachment 1 or in greater quantities or strengths than those identified unless approved in advance by Santa Clara County and the CPM.	Provide to the CPM and Santa Clara County, in the Annual Compliance Report, a list of hazardous materials contained at the facility in reportable quantities.	Annual Compliance Report				
HAZ-2	Provide a Risk Management Plan to Santa Clara County and the CPM for review at the time the plans are first submitted to the EPA.	Provide a Risk Management Plan to Santa Clara County and the CPM for review at the time the plans are first submitted to the U.S. EPA.	60 days prior to delivery of Aqueous Ammonia				
HAZ-2	Provide a Risk Management Plan to Santa Clara County and the CPM for review at the time the plans are first submitted to the EPA.	Include all recommendations of Santa Clara County and the CPM in the final document. At least 60 days prior to the delivery of aqueous ammonia to the facility, provide the final approved plans listed above to the CPM.	60 days prior to delivery of Aqueous Ammonia				
HAZ-3	Develop and implement a safety management plan for delivery of ammonia.	Provide a safety management plan as described above to the CPM for review and approval.	60 days prior to delivery of Aqueous Ammonia				
HAZ-4	The aqueous ammonia storage facility shall be designed to either the ASME Pressure Vessel Code and ANSI K61.6 or to API 620.	Submit final design drawings and specifications for the ammonia storage tank and secondary containment basin to the County of Santa Clara and the City of San Jose for review and comment, and to the CPM for review and approval.	60 days prior to delivery of Aqueous Ammonia				In progress. Plan to submit in March/April 04.
HAZ-5	Provide a covered secondary containment basin to passively contain any spill during the delivery of aqueous ammonia to the storage facility.	Provide detailed design drawings and specifications for the secondary containment basin to the County of Santa Clara and the City of San Jose for review and comment, and to the CPM for review and approval.	60 days prior to construction of ammonia secondary containment				
HAZ-6	The project owner shall require that the gas pipeline undergo a complete design review and detailed inspection every 30 years and each 5 years thereafter.	Provide a detailed plan to accomplish a full and comprehensive pipeline design review in the future to the CPM for review and approval.	30 days prior to initial gas flow in pipeline				
HAZ-7	Prepare and implement a pipeline maintenance plan.	Provide a detailed plan to accomplish a full and comprehensive pipeline inspection in the event of an earthquake to the CPM for review and approval.	30 days prior to initial gas flow in pipeline				
HAZ-8	The project owner shall direct all vendors delivering any hazardous material to the site to use only the route approved by the CPM.	At least sixty (60) days prior to receipt of any hazardous materials on site, the project owner shall submit copies of the required transportation route limitation to the County of Santa Clara and City of San Jose for review and comment, and to the CPM for review and approval	60 days prior to delivery of hazardous materials				

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START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
HAZ-9	The natural gas pipeline shall be designed to meet CPUC General Order 112-D and 58 A standards, or any successor standards, and will be designed to meet Class III service.	Submit design and operation specifications to the CPM for review and approval.	Prior to initial gas flow in pipeline				
HAZ-10	Design and operate the facility to ensure that no fuels or lubricants are permanently or temporarily stored within 100 feet of the sulfuric acid tank.	Provide copies of the facility design drawings showing the location of the sulfuric acid storage tank and the route for transport.	60 days prior to delivery of Sulfuric Acid				
HAZ-11	The project owner shall direct all vendors delivering aqueous ammonia to the site to use only transport vehicles which meet or exceed the specifications of the DOT MC-307 tanker trucks.	Submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	60 days prior to receipt of aqueous ammonia on site				
HAZ-12	Design, construct, and operate the project in conformance with all applicable laws, ordinances, regulations, and standards pertaining to the transport, storage, and handling of hazardous materials.	Submit final design drawings and specifications for all hazardous material storage areas and equipment to Santa Clara County and the City of San Jose for review and comment, and to the CPM for review and approval.	60 days prior to delivery of Hazardous Materials				
WASTE-1	Obtain a Hazardous Waste Generator Identification Number from the Department of Toxic Substances Control prior to generating any hazardous waste.	Keep its copy of the identification number on file at the project site and notify the CPM via the monthly compliance report of its receipt.	Notify via Monthly Compliance Report	12/14/02	12/14/02	N/A	Complete
WASTE-1	The project owner shall obtain a Hazardous Waste Generator Identification Number from the Department of Toxic Substances Control prior to generating any hazardous waste. (Operation).	Keep copies of the ID number and permit on file and notify the CPM via the monthly compliance report of their receipt - (operation)	Notify via Monthly Compliance Report				
WASTE-2	Upon becoming aware of any impending waste management-related enforcement action, notify the CPM of any such enforcement action.	Notify the CPM in writing within 10 days of becoming aware of an impending enforcement action.	Within 10 days of becoming aware of an impending enforcement action				
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	Submit the construction waste management plan to the CPM for review.	60 days prior to start of construction	7/3/02	6/12/01, 2/24/03, 5/23/03 (linears)	7/27/01, 3/7/03, 5/29/03 (linears)	Complete for site and linears.
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	Submit any required revisions within 30 days of notification by the CPM (or mutually agreed upon date).	Revise within 30 days of notification by CPM				
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	The operation waste management plan shall be submitted no less than 60 days prior to the start of project operation.	60 days prior to start of operation				
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	The project owner shall submit any required revisions within 30 days of notification by the CPM (or mutually agreed upon date).	Revise within 30 days of notification by CPM				

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START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
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Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
WASTE-3	Prepare and submit to the CPM a waste management plan for all wastes generated during construction and operation of the facility.	In the Annual Compliance Reports, document the actual waste management methods used during the year compared to planned management methods.	Annual Compliance Report				
WASTE-4	Have a registered PE available for consultation during soil excavation and grading activities.	Submit the qualifications and experience of the Registered Professional Engineer or Geologist to the CPM for approval.	30 days prior to ground disturbing activity	12/15/01	8/1/2001, 3/12/03	8/16/01	Complete
WASTE-5	If potentially contaminated soil is unearthed during excavation the environmental professional shall inspect the site.	Notify the CPM in writing within 5 days of any reports filed by the environmental professional	Within 5 days of filing reports	1/23/04	1/23/2004, 2/25/2004		Submitted
WASTE-5	If potentially contaminated soil is unearthed during excavation the environmental professional shall inspect the site.	If significant remediation may be required, contact representatives of the Santa Clara County and Dept of Toxic Substances Control. Notify the CPM in writing within 5 days of any reports filed.	Within 5 days of filing reports				
WASTE-6	Obtain a Hazardous Material Clearance Form from the Santa Clara County Hazardous Materials Compliance Division.	Provide an approved copy of the Hazardous Material Clearance Form to the CPM.	Prior to the start of construction	3/20/02	3/20/02	3/20/02	Complete
WASTE-7	The project owner shall perform additional limited investigations to fully characterize the site.	Prior to the start of construction, submit analytical results of the additional sampling to the CPM as a ESA Addendum.	Prior to the start of construction	2/21/02	2/21/02	N/A	Complete
WASTE-8	All site debris shall be removed from the site after owner has control of the site.	Notify the CPM in writing within ten days of removal of site debris.	Within 10 days after removal of site debris	9/10/01	9/10/01	10/2/01	Complete
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	In the Monthly Compliance Reports provide updates on trail developments in the area around the site.	Monthly Compliance Report				
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	Submit to the City of San Jose Departments of Planning and Public Works for review of the trail design and maintenance plan.	Start of Construction of Trail				
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	Prior to the start of a trail that the MEC trail could be connected to, submit designs and the maintenance plan to the CPM.	180 days prior to start of construction of trail				
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	Notify the CPM that the trail segment has been completed and is ready for inspection.	Within 7 days after completion of trail segment				
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	In the Annual Compliance Reports provide updates on trail developments in the area around the site.	Annual Compliance Report				
LAND-1	At such time as a connection to a trail network can be made, install and maintain the portion of the planned trail that would cross the site.	Submit to the City of San Jose for review and comment and to the CPM for approval a revised landscape plan	30 days prior to start of construction	8/2/02	8/7/02	6/24/03	Complete
LAND-2	Landscape the parking area consistent with the "Orchard Planting" Guidelines of the North Coyote Valley Campus Industrial Area Master Development Plan.	Notify the CPM that the work has been completed and is ready for inspection.	7 days after completion of landscaping				
LAND-2	The project owner shall landscape the parking area consistent with the "Orchard Planting" Guidelines of the North Coyote Valley Campus Industrial Area Master Development Plan.	Submit the final design plans to the CPM for approval.	60 days prior to start of construction	7/30/02	9/20/2001 11/14/01 3/12/02	12/10/2001 3/28/02	Complete

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START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
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Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
LAND-3	The project owner shall design and construct the project to satisfy the setback requirements	Submit the final design plans to the San Jose review and comment.	60 days prior to start of construction	7/30/02	9/20/2001 3/12/02	N/A (City of San Jose)	Complete
LAND-3	The project owner shall design and construct the project to satisfy the setback requirements	Notify the CPM that the boundaries are ready for inspection.	Prior to construction of specified facilities and structures		7/23/02 (cooling tower), 7/1/03 (tanks), 11/21/03 (CTG, HRSG, and Boiler Pump Foundations)	10/22/02 (cooling tower), 7/2/03 (tanks)	Complete for cooling tower and tank foundations.
LAND-3	The project owner shall design and construct the project to satisfy the setback requirements	Notify the CPM that the facilities and structures are completed and are ready for inspection.	7 days after completion of specified facilities and structures				
LAND-4	Ensure that any project directional signs, identity signs, and gatehouses comply with the "Entry Identification" guidelines.	Submit to the CPM for approval a site plan that demonstrates that the project complies with the "Entry Identification" guidelines.	90 days prior to commercial operation				
LAND-4	Ensure that any project directional signs, identity signs, and gatehouses comply with the "Entry Identification" guidelines.	Submit to the City of San Jose for review and comment a site plan.	90 days prior to commercial operation				
LAND-4	Ensure that any project directional signs, identity signs, and gatehouses comply with the "Entry Identification" guidelines.	Notify the CPM that these requirements have been satisfied and are ready for inspection.	Commercial Operation				
LAND-5	Acquire from the property owners (Passantino) immediately south of the MEC site a restrictive covenant agreement.	Submit to the CPM a recorded copy of the Agreement.	90 days prior to start of construction	6/3/02	6/12/01	9/14/01	Complete
LAND-5	Acquire from the property owners (Passantino) immediately south of the MEC site a restrictive covenant agreement.	Submit a landscape plan to the CPM for review and approval and the City of San Jose for review and comment.	Within sixty (60) days of sale of the Passantino property				
LAND-5	Acquire from the property owners (Passantino) immediately south of the MEC site a restrictive covenant agreement.	Notify the CPM that the landscaping has been completed and is ready for inspection.	7 days after completion of landscaping				
LAND-6	Ensure the protection of soil while using agricultural land as a construction laydown and parking area.	Notify the CPM that the protective measures stated above will be applied prior to the delivery of any construction materials.	30 days prior to delivery of construction materials	9/19/01	9/19/01	9/21/01	Complete
LAND-6	Ensure the protection of soil while using agricultural land as a construction laydown and parking area.	Submit photographic evidence of the application.	7 days after completion of protective measures	3/14/02	3/14/02 5/10/2002 9/23/03 10/21/03	7/8/02	Complete
LAND-6	Ensure the protection of soil while using agricultural land as a construction laydown and parking area.	Notify the CPM that the agricultural field used as the laydown area has been tilled and shall submit photographs of the tilled field.	30 days prior to commercial operation				
LAND-7	Ensure that any additional construction laydown areas needed along all pipeline routes are located within existing paved or gravel areas.	Submit a detailed map showing the location of any planned laydown areas along the pipeline routes and photographs of the areas.	60 days prior to construction of pipelines		3/3/04		Submitted

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Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
LAND-8	Obtain all necessary licenses and easement rights from Santa Clara County to route the natural gas supply pipeline through the Coyote Creek Parkway.	Submit the plan to the Santa Clara County Parks and Recreation Department for review and obtain licenses and easements.	Prior to submittal to CPM				Option agreement signed 6/4/02. Will exercise option 45 days prior to construction of gas pipeline.
LAND-8	Obtain all necessary licenses and easement rights from Santa Clara County to route the natural gas supply pipeline through the Coyote Creek Parkway.	Submit to the CPM a copy of all licenses and easements secured from Santa Clara County and submit to the CPM a plan that describes how construction activities will be timed to avoid permitted park events.	30 days prior to construction of gas pipeline	4/15/04			
LAND-8	Obtain all necessary licenses and easement rights from Santa Clara County to route the natural gas supply pipeline through the Coyote Creek Parkway.	Submit to the CPM an update of planned construction dates for the following week and a schedule of planned park events.	Weekly gas pipeline report				
LAND-9	Route the water supply and wastewater discharge pipelines through open agricultural areas to avoid the direct loss of orchard trees.	Submit to the CPM for review and approval a site plan that shows the precise alignment of the pipelines in relation to existing orchard trees.	60 days prior to construction of water supply and waste water pipelines	7/1/03	5/23/03	6/18/03	Complete
LAND-9	Route the water supply and wastewater discharge pipelines through open agricultural areas to avoid the direct loss of orchard trees.	Notify the CPM that stakes have been installed and the route is ready for inspection.	7 days prior to ground disturbing activities related to pipeline construction	4/1/04			
LAND-10	During pipeline construction, stockpile excavated topsoil separate from subsoil in agricultural areas.	Submit a description of the procedure to minimize alteration of original soil stratigraphy.	30 days prior to ground disturbing activities related to pipeline construction		9/9/03		Submitted
LAND-10	During pipeline construction, stockpile excavated topsoil separate from subsoil in agricultural areas.	Notify the CPM of the schedule for trenching.	7 days prior to trenching for pipeline				
LAND-10	During pipeline construction, stockpile excavated topsoil separate from subsoil in agricultural areas.	Submit photographs to the CPM that demonstrates that the topsoil has been kept separate from the subsoil.	7 days after start of trenching for pipeline				
LAND-10	During pipeline construction, stockpile excavated topsoil separate from subsoil in agricultural areas.	Notify the CPM of the schedule for backfilling.	7 days prior to backfilling trenches				
LAND-11	The heat recovery steam generator stacks shall be limited to 145 feet above finished grade.	Submit the final design specifications to the CPM for review and approval.	60 days prior to start of construction	7/30/02	9/20/01	10/17/01	Complete
TRANS-1	Comply with Caltrans and Santa Clara County limitation on vehicle sizes and weights.	Provide the number of any oversize and overweight transportation permits received during that reporting period.	Monthly Compliance Report				On-going
TRANS-2	Comply with Caltrans and County limitations for encroachment into public rights-of-way and shall obtain necessary encroachment permits.	Submit copies of any encroachment permits received during that reporting period in the Monthly Compliance Report.	Monthly Compliance Report		5/14/02		Caltrans encroachment permit for gas pipeline submitted in April Report.
TRANS-3	Ensure that all federal and state regulations for the transport of hazardous materials are observed.	Copies of all permits and licenses acquired concerning the transport of hazardous substances.	Monthly Compliance Report				
TRANS-4	The project owner shall enter into a Crossing Agreement with UPRR.	If the permanent crossing warning equipment is not in place, submit a traffic plan for the crossing to UPRR for review.	60 days prior to site preparation	11/15/01	8/16/01	8/16/01	Complete
TRANS-4	The project owner shall enter into a Crossing Agreement with UPRR.	Submit the executed Crossing Agreement to the CPM for approval.	60 days prior to site preparation	11/15/01	8/16/01	8/16/01	Complete

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METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
TRANS-4	Install railroad grade crossing warning equipment at the RR crossing for Blanchard Road.	Inform the CPM when the final grade crossing warning equipment is ready for inspection.	Installation of final grade crossing equipment	3/4/02	3/4/02		Submitted
TRANS-5	Consult with Santa Clara Co., San Jose, and Caltrans & prepare a Const. Traffic Control Plan and implementation program.	Provide to Santa Clara County, City of San Jose and Caltrans, and to the CPM, a copy of construction traffic control plan and implementation program.	30 days prior to start of site preparation	10/2/01	10/2/2001, 12/9/02, 5/23/03 (linears)	10/24/2001, 7/7/03 (linears)	Complete for site. Complete for linears except gas line.
TRANS-6	Repair roadways to original or as near original condition as possible. Refer to TRANS 6 for further details	Photograph, videotape, or digitally record Monterey Rd. between Metcalf Rd. and Blanchard Rd. Provide the CPM, Santa Clara County and Caltrans with a copy of these images.	Prior to start of site preparation	11/15/01	8/9/01	8/13/01	Complete
TRANS-6	Repair roadways to original or as near original condition as possible. Refer to TRANS 6 for further details	Photograph, videotape, or digitally record Monterey Rd. between Metcalf Rd. and Blanchard Rd. Provide the CPM, Santa Clara County and Caltrans with a copy of these images.	Start of ground disturbing activities related to pipeline construction				
TRANS-6	Following completion of construction of the power plant and all related facilities, the project owner shall repair roadways to original or as near original condition as possible.	Notify Caltrans about the schedule for project construction.	60 days prior to site preparation	11/15/01	8/9/01	8/13/01	Complete
TRANS-6	Following completion of construction of the power plant and all related facilities, the project owner shall repair roadways to original or as near original condition as possible.	Meet with the CPM, Santa Clara County, the City of San Jose and Caltrans to determine actions necessary for repair of roadways.	30 days after completion of project construction				
TRANS-7	Prepare and submit a parking and staging plan for all phases of project construction.	Submit the parking and staging plan to the City of San Jose and Santa Clara County for review and comment, and to the CPM for approval.	60 days prior to start of site preparation	10/2/01	10/2/2001, 12/9/02, 5/23/03 (linears)	10/24/2001, 7/7/03 (linears)	Complete for site. Complete for linears except gas line.
TRANS-8	Prior to the start of commercial operation of MEC, the project owner shall complete a two-lane secondary access connection.	Contact the City regarding the status of the off-site portion of the Santa Teresa Boulevard connection and inform the CPM.	12 months prior to commercial operation	5/31/04			
TRANS-8	Prior to the start of commercial operation of MEC, the project owner shall complete a two-lane secondary access connection.	Notify the City and CPM that the portion of the Santa Teresa Boulevard connection constructed by MEC is ready for inspection.	60 days prior to commercial operation	3/31/05			
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	Notify residents and establish/post telephone number	15 days prior to start of rough grading	12/30/01	10/3/01	N/A	Complete
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	A statement signed by the project manager attesting that the above notification has been performed.	Monthly Construction Report Following the Start of Rough Grading	2/14/02	2/14/02	N/A	Complete
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	A statement signed attesting that notification was sent to all residents within a 1-mile radius of the project.	15 days prior to the commencement of steam blow activity				
NOISE-1	Notify all residents and business entities within one mile of the site of the start of construction and operation of the project.	Transmit a statement signed by the project manager attesting that a notification was sent to all residents within a one-mile radius of the project.	Monthly Construction Report Following the Steam Blow activity				

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START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
NOISE-2	Throughout the construction and operation, document, investigate, evaluate and attempt to resolve all project related noise complaints.	File a copy of the Noise Complaint Resolution Form with City of San Jose and with the CPM documenting the resolution of the complaint.	30 days after receiving a noise complaint				
NOISE-3	Submit to the CPM for review a Noise Control Program.	Submit to the CPM the above referenced program.	30 days prior to Rough Grading	12/15/01	6/12/01	7/27/01	Complete
NOISE-4	If a traditional high-pressure steam blow process is employed, equip steam blow piping with a temporary silencer.	Submit to the CPM drawings describing the temporary steam blow silencer, and a description of the steam blow schedule.	15 days prior to first Steam Blow				
NOISE-5	Conduct a 25-hour Community Noise Survey when first achieving an output of 80 percent of rated capacity.	Submit a summary report of the survey to City of San Jose and the CPM.	Within 30 days after completing survey				
NOISE-5	Conduct a 25-hour Community Noise Survey when first achieving an output of 80 percent of rated capacity.	Submit to the CPM a summary report of a new noise survey.	Within 30 days of completion of installation of these measures				
NOISE-6	The project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility.	The survey shall be conducted within thirty (30) days after the facility is operating at an output of 80% of rated capacity or greater	Thirty days after the facility is operating at an output of 80%				
NOISE-6	The project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility.	Submit the noise survey report to the CPM. The project owner shall also submit the report to OSHA upon request.	Within 30 days after completing the survey				
NOISE-7	Construction shall be restricted to the hours of: 7 a.m. to 7 p.m. on weekdays and from 8 a.m. to 6 p.m. on weekends and holidays.	Transmit a statement certifying that the above restrictions will be observed throughout the construction of the project.	First Monthly Compliance Report	11/15/02	11/15/02	N/A	Complete
NOISE-7	The project owner shall implement typical noise source reduction measures such as silencers and acoustical enclosures for HDD.	Submit a plan for approval to the CPM to implement noise reduction measures for HDD.	30 days prior to commencing HDD.	5/1/04			
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	Submit proposed plan to the CPM for review and approval.	60 days prior to ordering first equipment that is color treated	8/1/02	8/1/02	1/14/04	Submitted for cooling tower color only. Comments received 8/28/02.
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	If the CPM notifies the project owner that any revisions of the plan are needed, shall submit to the CPM a revised plan.	Within 30 days of receiving notification	9/28/02	10/9/03	1/14/04	Comments received 8/28/02. Will re-submit with VIS-9 submittal. See VIS-9 below.
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	Notify the CPM that all structures treated during manufacture and all structures treated in the field are ready for inspection.	Not less than thirty (30) days prior to the start of commercial operation				
VIS-1	Treat the project structures, buildings, and tanks visible to the public in a non-reflective color.	The project owner shall provide a status report regarding treatment maintenance in the Annual Compliance Report.	Annual Compliance Report				
VIS-2	Any fencing for the project shall be non-reflective.	Submit the specifications to the CPM for review and approval.	At least 30 days prior to ordering the non-reflective fencing	6/1/04			
VIS-2	Any fencing for the project shall be non-reflective.	If the CPM notifies the project owner that revisions of the submittal are needed the project owner shall prepare and submit a revised submittal.	Within 30 days of receiving notification				
VIS-2	Any fencing for the project shall be non-reflective.	Notify the CPM that the fencing is ready for inspection.	Within 7 days after completing installation of the fencing				

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START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
VIS-3	Design and install all lighting such that light bulbs and reflectors are not visible from public viewing areas.	Provide the lighting plan to the CPM for review and approval and to the City of San Jose for review and comment.	Ninety (90) days before ordering the exterior lighting.	5/3/03	5/5/03		Submitted, comments received 5/29/03.
VIS-3	Design and install all lighting such that light bulbs and reflectors are not visible from public viewing areas.	If the CPM notifies the project owner that any revisions of the plan are needed, shall submit to the CPM a revised plan.	Within 30 days of receiving notification	6/30/03	6/24/03		Submitted
VIS-3	Design and install all lighting such that light bulbs and reflectors are not visible from public viewing areas.	Notify the CPM that the lighting is ready for inspection.	Within seven (7) days of completing exterior lighting installation				
VIS-4	Restore any and all areas that are disturbed during the construction or operation of any portions of the proposed underground utilities.	Submit the plan to the CPM for review and approval and to the City of San Jose or Santa Clara County for review and comment.	At least sixty days prior to beginning implementation of the surface restoration				
VIS-4	Restore any and all areas that are disturbed during the construction or operation of any portions of the proposed underground utilities.	If the CPM notifies the project owner that revisions of the submittal are needed, shall prepare and submit to the CPM a revised submittal.	Within 30 days of receiving notification				
VIS-4	Restore any and all areas that are disturbed during the construction or operation of any portions of the proposed underground utilities.	Notify the CPM after completing the surface restoration that it is ready for inspection.	Within seven days after completing the surface restoration				
Temporary Aesthetic Screen							
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit the proposed temporary and long-term aesthetic screening plans to the City of San Jose for review and comment.	Ninety (90) days prior to the start of use of the construction laydown area	7/27/01	7/27/01	N/A (City of San Jose)	Submitted. Comments rec'd from SJ incorporated prior to submittal.
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit the proposed temporary and long-term aesthetic screening plans to the CPM for review and approval.	Ninety (90) days prior to the start of use of the construction laydown area	7/27/01	7/27/01	2/15/02 (Aesthetic screen)	Complete for temporary.
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit any required revisions within 30 days of notification by the CPM.	Within 30 days of receiving notification	2/12/02	2/12/02	2/15/02	Complete for temporary.
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	The temporary and long-term aesthetic screening installations are ready for inspection.	Within seven days after implementing the proposed plan	7/6/2002 (temporary screen)	7/1/2002 (temporary screen)		Submitted for temporary.

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START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
VIS-5	Immediately upon completion of construction of the project, the temporary aesthetic screening shall be removed and the construction laydown area shall be revegetated and restored to its original condition.	Submit proposed plans to the City of San Jose for review and comment and CPM for review and approval.	At least ninety (90) days before intended removal of the temporary aesthetic screen				
VIS-5	Immediately upon completion of construction of the project, the temporary aesthetic screening shall be removed and the construction laydown area shall be revegetated and restored to its original condition.	Submit any required revisions within 30 days of notification by the CPM.	Within 30 days of notification				
VIS-5	Immediately upon completion of construction of the project, the temporary aesthetic screening shall be removed and the construction laydown area shall be revegetated and restored to its original condition.	Notify the CPM that the temporary aesthetic screening removal is ready for inspection.	Within seven days after implementing the proposed plan				
Long-term screen (Monterey Road landscaping)							
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit the proposed temporary and long-term aesthetic screening plans to the City of San Jose for review and comment.	Ninety (90) days prior to the start of use of the construction laydown area	7/27/01	7/27/01	N/A (City of San Jose)	Complete
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit the proposed temporary and long-term aesthetic screening plans to the CPM for review and approval.	Ninety (90) days prior to the start of use of the construction laydown area	7/27/01	7/27/2001, 12/18/01, 8/11/03		Revised plan submitted 12/18/01. Received comments 7/31/02. Submitted City of San Jose comments to CEC on 9/26/02.
VIS-5	Implement the installation of temporary aesthetic screening along the south and east sides and any of the eastern portion of the north side of the construction laydown area. Install long-term aesthetic screening along the west side of Monterey Road.	Submit any required revisions within 30 days of notification by the CPM.	Within 30 days of receiving notification	8/30/02	10/9/03		Responded to CEC staff comments on 12/19/03.
VIS-6	The project owner shall comply with the requirements of Policy 12 of the General Development Plan Standards of the Master Development Plan and Guidelines for the North Coyote Valley Campus Industrial Area re: screening of truck loading docks and storage and service areas.	Submit the plan to the CPM for review and approval and to the City of San Jose for review and comment.	At least sixty (60) days prior to installing the screening	5/1/04			
VIS-6	The project owner shall comply with the requirements of Policy 12 of the General Development Plan Standards of the Master Development Plan and Guidelines for the North Coyote Valley Campus Industrial Area re: screening of truck loading docks and storage and service areas.	Submit any required revisions	Within 30 days of notification				

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START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
VIS-6	The project owner shall comply with the requirements of Policy 12 of the General Development Plan Standards of the Master Development Plan and Guidelines for the North Coyote Valley Campus Industrial Area re: screening of truck loading docks and storage and service areas..	The project owner shall notify the CPM when ready for inspection	Within seven days after completing installation of the screening				
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Submit the proposed aesthetic landscape screening plan to the City of San Jose and County of Santa Clara Parks and Recreation Department for review and comment.	90 days prior to start of construction	6/3/02	6/12/2001, 5/7/2003		Complete
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Submit the proposed aesthetic landscape screening plan to the CPM for review and approval.	90 days prior to start of construction	6/3/02	6/12/2001, 5/7/2003	8/5/03	Submitted. Received comments 6/11/03.
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Submit any required revisions	Within thirty (30) days of notification by the CPM.	7/11/03	6/17/03	8/5/03	Complete
VIS-7	Install aesthetic landscape screening along a portion of Coyote Ranch Road.	Notify the CPM in writing that the aesthetic landscape screening installation is ready for inspection.	Within seven (7) days after completing the implementation of the proposed plan				
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Submit detailed design specifications for the gas metering station to the County of Santa Clara Parks and Recreation Department for review and comment.	At least sixty (60) days before the beginning of construction of the gas metering station	2/1/04			
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Submit detailed design specifications for the gas metering station to the CPM for review and approval.	At least sixty (60) days before the beginning of construction of the gas metering station	2/1/04			
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Submit any required revisions.	Required revision within 30 days of notification by CPM.				
VIS-8	The gas metering station east of Highway 101 shall be designed in a manner that helps visually screen it from views from Highway 101 and integrate it with its surroundings.	Notify the CPM that the aesthetic treatment and landscape screening installation is ready for inspection.	Within seven (7) days after implementing the proposed plan				
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Submit the proposed architectural design treatment plan to the City of San Jose for review and comment.	At least sixty (60) days prior to the start of architectural treatment		9/25/03	1/14/04	Complete. Resubmitted to CSJ on 9/25/03.
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Submit the proposed architectural design treatment plan to the CPM for review and approval.	At least sixty (60) days prior to the start of architectural treatment		10/2/02	1/14/04	Submitted. Comments received 10/31/02.
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Shall submit any required revisions.	Within thirty (30) days of notification by the CPM	11/30/02	11/25/02	1/14/04	Submitted. Received comments 2/10/03.

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START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Shall submit any required revisions.	Within thirty (30) days of notification by the CPM	3/10/03	10/9/03	1/14/04	Responded to CEC staff comments on 12/19/03. Complete.
VIS-9	The power plant shall be designed in a manner that reduces its appearance as an industrial facility and helps visually integrate it with its surroundings.	Notify the CPM in writing that all structures are ready for inspection.	Thirty (30) days prior to the start of commercial operation				
VIS-10	The power plant shall be designed and operated to minimize visible plumes.	Submit the proposed plume abatement plan to the City of San Jose for review and comment.	At least sixty (60) days prior to the start of construction	7/3/02	9/6/01	N/A	Complete
VIS-10	The power plant shall be designed and operated to minimize visible plumes.	Submit the proposed plume abatement plan to the CPM for review and approval.	At least sixty (60) days prior to the start of construction	7/3/02	9/5/01	6/27/03	Complete
VIS-10	The power plant shall be designed and operated to minimize visible plumes.	The project owner shall submit any required revisions.	Within 30 days of notification by the CPM.		9/24/02, 11/6/02, 2/21/03, 5/27/03, 6/6/03, 6/24/03	6/27/03	Complete
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	The project owner shall submit to the City of San Jose and the County of Santa Clara Parks and Recreation Department for review and comment a specific plan.	Start of construction of the trail between Blanchard Road and railroad tracks				
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	Submit to the CPM for review and approval a specific plan describing its landscape plan.	Start of construction of the trail between Blanchard Road and railroad tracks				
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	Submit any required revisions.	Within 30 days of notification by the CPM.				
VIS-11	Trail development along the Fisher Creek corridor adjacent to the power plant site.	Notify the CPM, City of San Jose and County of Santa Clara Parks and Recreation Department that the planting installation is ready for inspection.	7 days after completion of planting installation				
VIS-12	Contact the owners of property along Blanchard Road and develop a plan to screen views of the project from each property if so desired by a property owner.	Provide to the CPM a report on the landscaping/screening plan.	15 days prior to project construction	8/17/02	7/30/02	9/24/02	Complete
VIS-12	Contact the owners of property along Blanchard Road and develop a plan to screen views of the project from each property if so desired by a property owner.	Notify the CPM when any measures are ready for inspection.	Measures are ready for inspection				
CUL-1	Name and statement of qualifications of its designated cultural resource specialist.	Submit name and qualifications.	90 days prior to site preparation	10/16/01	7/26/01	7/27/01	Complete
CUL-1	Name and statement of qualifications of its designated cultural resource specialist.	Confirm in writing to the CPM that the approved designated cultural resource specialist will be available at the start of construction.	At least 10 days but no more than 30 days prior to the start of earth disturbing activities	12/15/01	7/26/01	9/25/01 1/22/02	Complete
CUL-1	Name and statement of qualifications of its designated cultural resource specialist.	Obtain CPM approval of the replacement specialist.	10 days prior to termination of Cultural Specialist				

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START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
CUL-2	Provide the designated cultural resource specialist and the CPM with maps and drawings showing the footprint of the power plant and all linear facilities.	Provide the designated cultural resource specialist and the CPM with the maps and drawings.	75 days prior to the start of earth disturbing activities	10/31/01	9/20/01	11/1/01	Complete
CUL-3	CRS shall prepare, and the owner shall submit to the CPM for review and written approval, a CRMMP.	Submit the Cultural Resources Monitoring and Mitigation Plan.	60 days prior to project site preparation	11/15/01	6/12/2001 8/4/03	12/15/01	Submitted revisions
CUL-4	WEAT for cultural resources	Submit to the CPM for review and written approval, the proposed WEAT.	60 days prior to the start of construction on the project	11/15/01	9/20/01	12/5/01	Complete
CUL-5	WEAT to all project managers, all construction supervisors, and those workers who operate ground disturbing equipment.	Provide the CPM with documentation that WEAT was administered.	7 days after start of construction	1/21/02	9/29/01 1/29/02	2/10/02	Complete
CUL-5	WEAT to all project managers, all construction supervisors, and those workers who operate ground disturbing equipment.	Provide the CPM with documentation that WEAT was administered.	Monthly Compliance Report				In progress
CUL-6	CRS or monitor shall have the authority to halt or redirect construction if previously unknown cultural resource sites or materials are encountered.	Provide the CPM with a letter confirming CUL-6.	30 days prior to site preparation	12/15/01	7/20/01	8/6/01	Complete
CUL-6	CRS or monitor shall have the authority to halt or redirect construction if previously unknown cultural resource sites or materials are encountered.	For any cultural resource encountered, the project owner shall notify the CPM within 24 hours.	Within 24 hours of cultural resource discovery				Ongoing
CUL-7	Provide the designated cultural resource specialist with a current schedule of anticipated project activity in the following month and a map.	Provide the CPM with a copy of each weekly schedule of the construction activities.	10 days prior to site preparation	1/4/02	9/28/01	1/14/02	Complete
CUL-7	Provide the designated cultural resource specialist with a current schedule of anticipated project activity in the following month and a map.	Provide the CPM with a copy of each weekly schedule of the construction activities.	Monthly Compliance Report				In progress
CUL-8	CRS/monitor keep a daily log of any resource finds and the progress or status of the resource monitoring, mitigation, preparation, identification, and analytical work being conducted for the project.	Copies of the weekly summary reports shall be submitted to the CPM in the Monthly Compliance Report.	Monthly Compliance Report				In progress
CUL-9	Except in the areas specified in CUL-3(f), the designated cultural resource specialist or delegated monitor(s) shall be present at times the specialist deems appropriate.	Copies of the weekly summary reports prepared by the designated cultural resource specialist regarding project-related cultural resource monitoring.	Monthly Compliance Report				In progress
CUL-10	Obtain ground disturbance or cultural resource excavation permits from Caltrans and/or the U.S. Army Corps of Engineers.	Submit a copy of any permit addressing data recovery excavation.	Monthly Compliance Report		3/14/03		Submitted in March 2003 MCR.
CUL-10	Obtain ground disturbance or cultural resource excavation permits from Caltrans and/or the U.S. Army Corps of Engineers.	Provide written documentation to the permitting agency of compliance with any mitigation measures.	Completion of mitigation activity				
CUL-11	Ensure that the CRS performs the recovery, etc. of all cultural resource materials encountered and collected.	Maintain in its compliance files, copies of signed contracts or agreements with the museum(s), university (ies), or other appropriate research specialists.	Periodic Audit by the CPM				

As of February 29, 2004

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
CUL-12	Prepare a scope of work for Cultural Resources Report following completion of data recovery and site mitigation work.	Submit it to the CPM for review and written approval.	7 days after completion of the proposed scope of work.				
CUL-12	Prepare a scope of work for Cultural Resources Report following completion of data recovery and site mitigation work.	Ensure that the designated cultural resources specialist prepares the proposed scope of work.	Completion of Data Recovery per CUL-12				
CUL-13	Prepare a Cultural Resources Report as described in CUL-13. Submit the report to the CPM for review and written approval.	Ensure that the designated cultural resource specialist completes the Cultural Resources Report.	Within 90 days following completion of the data recovery and site mitigation work.				
CUL-13	Prepare a Cultural Resources Report as described in CUL-13.	Submit the Cultural Resources Report to the CPM for review and written approval.	Within seven (7) days after completion of the report.				
CUL-14	Submit an original, an original-quality copy, and a computer disc copy, of the CPM-approved Cultural Resource Report to the public repository to receive the recovered data and materials for curation, with copies to the State Historic Preservation Officer (SHPO), the appropriate regional archaeological information center(s), and a person employed by the City of San Jose who is authorized to receive confidential cultural resources information.	Provide to the CPM documentation that the report has been sent to the public repository receiving the recovered data and materials for curation, the SHPO and the appropriate archaeological information center(s), and the City of San Jose, to a person authorized to receive confidential cultural resources information.	Within thirty (30) days after receiving approval of the Cultural Resources Report.				
CUL-15	Ensure that all cultural resource materials, maps, and data collected during data recovery and mitigation for the project are delivered to a public repository.	Ensure that all recovered cultural resource materials are delivered for curation. For the life of the project, maintain copies of signed contracts or agreements with the public repository.	Within thirty (30) days after providing the CPM-approved Cultural Resource Report to the entities				
CUL-16	Consult with Ohlone/Costanoan Native American tribal representatives to develop an agreement(s) for qualified monitor(s).	Provide the CPM with a copy of all finalized agreements for Native American (Ohlone/Costanoan) monitor(s).	30 days prior to site preparation	12/15/01	8/8/2001 9/4/2003	8/15/2001 9/16/2003	Complete
CUL-17	Presence/absence testing shall be conducted in the vicinity of the natural gas pipeline route or PG&E metering station.	Reports addressing the results of the presence/absence testing shall be included in the Monthly Compliance Report.	Monthly Compliance Report				Gas line plan submitted 3/4/03. Plan for sewer and potable lines in progress.
CUL-18	Comply with Cul-1, Cul-4 and Cul-5. Comply with Cul-2 and Cul-3 for the entire project. CRS shall examine the area of initial project site mobilization.	Provide the CPM with information authored by the CRS identifying the area of initial site mobilization.	7 days prior to site mobilization	1/7/02	10/2/01	12/15/01	Complete
CUL-19	If the potable water wells and associated pipelines are to be located anywhere but in an area defined as part of the proposed project then a cultural resource assessment shall be required.	Submit the results of the records search and the results of the survey.	90 days prior to start of construction of wells	10/1/03	7/1/2003 9/9/2003		Submitted, comments received 8/14/03 and 9/5/03
SOCIO-1	The project owner and its contractors and subcontractors shall recruit employees and procure materials and supplies within the City of San Jose and Santa Clara County.	Submit copies of contractor, subcontractor, and vendor solicitations and guidelines stating hiring and procurement requirements and procedures.	60 days prior to site preparation	11/15/01	7/20/01	8/8/01	Complete
SOCIO-1	The project owner and its contractors and subcontractors shall recruit employees and procure materials and supplies within the City of San Jose and Santa Clara County.	Notify the CPM the reasons for any planned procurement of materials or hiring outside the local regional area that will occur during the next two months.	Monthly Compliance Report				In progress

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METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
SOCIO-2	Pay the one-time statutory school facility development fee as required at the time of filing.	Pay the statutory school facility development fee as required at the time of filing.	At Time of Filing				
SOCIO-2	Pay the one-time statutory school facility development fee as required at the time of filing.	Provide proof of payment of the statutory development fee.	Monthly Compliance Report after fees are paid				
BIO-1	Construction site and/or ancillary facilities preparation shall not begin until an approved Designated Biologist is available to be on site.	Submit name, qualifications, address and telephone number of the individual selected.	60 days prior to start of ground disturbance	11/15/01	7/23/01	7/27/01	Complete
BIO-1	Construction site and/or ancillary facilities preparation shall not begin until an approved Designated Biologist is available to be on site.	If the CPM determines the proposed Designated Biologist to be unacceptable, submit another individual's name and qualifications for consideration.	Notification by CPM that proposed Designated Biologist is unacceptable				
BIO-2	The CPM approved Designated Biologist shall perform the following during project construction and operation: see BIO-2 for detailed tasks.	Biologist shall maintain written records of the tasks described.	Monthly Compliance Report				In progress
BIO-2	The CPM approved Designated Biologist shall perform the following during project construction and operation: see BIO-2 for detailed tasks.	Submit record summaries in the Annual Compliance Report.	Annual Compliance Report				
BIO-3	Act on the advice of the Designated Biologist to ensure conformance with the Biological Resources Conditions of Certification and shall halt all construction activities, if necessary.	Notify the CPM by telephone of the circumstances and actions being taken to resolve the problem or the non-compliance with a condition.	Within 2 working days of notification of non-compliance				
BIO-4	Submit to the CPM for review and approval a copy of the final BRMIMP and shall implement the measures identified in the plan.	Provide the CPM with the final version of the BRMIMP.	45 days prior to start of ground disturbance	11/30/01	7/23/01	8/30/01	Complete
BIO-4	Submit to the CPM for review and approval a copy of the final BRMIMP and shall implement the measures identified in the plan.	Provide to the CPM for review and approval, a written report identifying which items of the BRMIMP have been completed.	30 days after construction complete				
BIO-5	Develop the riparian corridor planting plan for inclusion into the BRMIMP.	Provide to the CPM for review and approval the riparian restoration plan.	45 days prior to ground disturbance	11/30/01	7/23/01	10/17/01	Complete
BIO-6	Develop WEAT for biological resources.	State in the Monthly Compliance Report the number of persons who have completed the training in the prior month.	Monthly Compliance Report				In progress
BIO-6	Develop WEAT for biological resources.	Provide copies of the WEAT and the name and qualifications of the person(s) administering the program.	60 days prior to start of rough grading	11/15/01	9/20/01	12/5/2001 3/13/02 (video)	Complete
BIO-7	Acquire a SAA from CDFG.	Submit to the CPM a copy of the final CDFG Streambed Alteration Agreement.	30 days prior to the start of any streambed alteration disturbances		9/30/02 (outfall)		In progress
BIO-8	Provide a final copy of the U.S. Fish and Wildlife Service Biological Opinion.	Submit to the CPM a copy of the USFWS Biological Opinion.	45 days prior to the start of ground disturbance	11/30/01	7/23/01	7/27/01	Complete
BIO-9	Provide a final copy of the Nationwide No.7 permit.	Submit to the CPM a copy of the Nationwide No. 7 permit.	30 days prior to the start of any streambed alteration	8/1/02	8/14/02		Submitted

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METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
BIO-10	Provide 116 acres of land on Tulare Hill and 15 acres of land on Coyote Ridge, the name of the entity that will be managing the land in perpetuity, and the endowment funds.	Provide to the CPM for approval, the name of the management entity, written verification that the compensation lands have been purchased and written verification that the appropriate endowment fund has been received.	Within one week of commencing ground disturbance activities	1/21/02	2/26/02		Submitted
BIO-11	Develop a suitable final habitat management and monitoring plan for lands purchased on Tulare Hill and Coyote Ridge.	Provide the CPM with the final approved version of the management plan. Incorporate into BRMIMP.	60 days prior to start of ground disturbance	11/15/01	6/25/01	7/9/01	Complete
BIO-12	Incorporate into closure plan measures that address the local biological resources and incorporate into the BRMIMP.	Address all biological resource-related issues associated with facility closure.	12 months prior to facility closure				
BIO-13	Comply with BIO-1, BIO-2, and BIO-10 and complete BIO-6. Examine the area and ensure no special status species are present.	Provide the CPM with the location, date(s), methods(s), and results of the pre-examination.	10 days prior to mobilization	1/4/02	9/28/01	10/17/01	Complete
SOIL & WATER-1	Disinfected, tertiary-treated, recycled water will be used at the Metcalf Energy Center for cooling purposes and other appropriate non-potable uses.	Provide CPM with a copy of a valid Recycled Water use permit from the City of San Jose.	Construction complete				
SOIL & WATER-1	Potable water may be used for cooling purposes only in the event that SBWR recycled water service is interrupted.	Provide a record of water consumption for the MEC.	Monthly Compliance Report				In progress for construction
SOIL & WATER-1	Potable water may be used for cooling purposes only in the event that SBWR recycled water service is interrupted.	Provide a record of water consumption for the MEC.	Annual Compliance Report				
SOIL & WATER-1	Provide a firm commitment for its construction water supply.	Submit commitment to CPM.	30 days prior to the start of construction	8/2/02	12/5/01	12/28/01	Complete
SOIL & WATER-2	Storm Water Pollution Prevention Plan (SWPPP) for construction.	Submit a copy of the SWPPP to the CPM for review and approval.	30 days prior to start of ground disturbance	12/15/01	8/31/2001, 2/24/2004 (linears)	10/18/01	Complete for project site. Submitted for linears. Gas line in progress.
SOIL & WATER-2	Storm Water Pollution Prevention Plan (SWPPP) for construction.	Approval of the plan by the CPM must be received prior to the initiation of any clearing, grading or excavation activities.	Start of ground disturbance	1/14/02	8/31/01	10/18/01	Complete for project site
SOIL & WATER-3	Final erosion control and revegetation plan that addresses all project elements.	Approval of the final plan by the CPM must be received prior to the initiation of any clearing, grading or excavation activities.	Start of ground disturbance	12/15/01	8/31/2001, 2/24/2004 (linears)	10/18/01	Complete for project site. Submitted for linears. Gas line in progress.
SOIL & WATER-4	Obtain SCVWD approval for all activities within floodways or upon or within the banks of watercourses.	Obtain SCVWD approval.	30 days prior to ground disturbance	12/15/01	8/31/01, 1/2/02, 12/2/02, 2/12/03, 7/2/03	1/25/02	Complete
SOIL & WATER-5	Develop and implement a Storm Water Pollution Prevention Plan (SWPPP) as required under the General Industrial Activity Storm Water Permit.	Develop and implement a Storm Water Pollution Prevention Plan (SWPPP).	60 days prior to commercial operation				
SOIL & WATER-5	Develop and implement a Storm Water Pollution Prevention Plan (SWPPP) as required under the General Industrial Activity Storm Water Permit.	Submit a copy of the Storm Water Pollution Prevention Plan (SWPPP).	2 weeks prior to commercial operation				
SOIL & WATER-6	Industrial Discharge Permit from the City of San Jose Environmental Services Division.	Provide the CPM a copy of a valid Industrial Discharge Permit.	45 days prior to commercial operation				
SOIL & WATER-7	Obtain a Section 401 Certification from the San Francisco RWQCB.	Submit to the CEC CPM a copy of the Section 401 Certification.	30 days prior to the start of any streambed alteration activities	5/1/03	12/02/02 (outfall)		Complete for outfall

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METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
SOIL & WATER-8	Shall only use groundwater for MEC process and domestic requirements and for back-up cooling make up from either the two wells and pipelines.	Submit the following to the Energy Commission CPM: all construction specifications, a copy of the valid well permit(s) and registration numbers, any construction or operation conditions.	30 days prior to construction of wells		9/9/03		Submitted
SOIL & WATER-8	Shall only use groundwater for MEC process and domestic requirements and for back-up cooling make up from either the two wells and pipelines.	Notify the CPM that the wells have been installed and submit the results of the pump and aquifer tests conducted.	30 days after completion of wells				
SOIL & WATER-9	Design, construct, and fully fund the portion of the SBWR reclaimed water supply pipeline dedicated to, and essential for, the operation of MEC.	Submit evidence demonstrating that the project owner has negotiated or is negotiating one or more agreements to provide SBWR reclaimed water.	30 days prior to start of construction	8/2/02	8/24/01	10/1/01	Complete
GEO-1	Assign to the project an engineering geologist(s).	Submit to the CPM the name(s) and license number(s) of the certified engineering geologist(s).	30 days prior to start of construction	8/2/02	7/27/2001 1/28/02	N/A	Complete
GEO-1	Assign to the project an engineering geologist(s).	Notify CPM of replacement of Engineering Geologist	Replacement of Engineering Geologist	1/28/02	1/28/02	2/6/02	Complete
GEO-2	The assigned engineering geologist(s) shall carry out the duties required by the 1998 CBC.	Submit Grading Permit Application	Application for Grading Permit per GEO-2	1/11/02	1/11/02	4/4/02	Complete
GEO-2	The assigned engineering geologist(s) shall carry out the duties required by the 1998 CBC.	Submit a signed statement to the CPM stating that the Engineering Geology Report has been submitted to the CBO.	15 days after submittal of application	1/26/02	1/14/02	1/24/02	Complete
GEO-2	The assigned engineering geologist(s) shall carry out the duties required by the 1998 CBC.	Submit copies of the Final Engineering Geology Report to the CPM and the CBO.	90 days following completion of Final Grading				
PAL-1	Ensure that the designated paleontological resource specialist is available for field activities.	Submit the name and resume and the availability for its designated paleontological resource specialist.	90 days prior to start of construction	6/3/02	7/26/01	7/27/01	Complete
PAL-1	Ensure that the designated paleontological resource specialist is available for field activities.	Obtain CPM approval of the replacement specialist.	10 days prior to termination or release of PRS				
PAL-2	Prepare Paleontologic Resources Monitoring and Mitigation Plan.	Provide the CPM with a copy of the Monitoring and Mitigation Plan.	60 days prior to start of construction	6/12/01	6/12/01	7/27/01	Complete
PAL - 3	WEAT for paleo resources.	Submit to the CPM for review, comment, and written approval, the WEAT.	30 days prior to start of construction	9/20/01	9/20/01	10/3/2001 3/20/02 (video)	Complete
PAL-3	WEAT for paleo resources.	Documentation for training of additional new employees.	Monthly Compliance Report				In progress
PAL-4	The designated paleontological resource specialist shall be present at all times he or she deems appropriate to monitor.	Include a summary of paleontological activities.	Monthly Compliance Report				In progress
PAL-5	Ensure recovery, preparation for analysis, analysis, identification and inventory, the preparation for curation, and the delivery for curation of all significant paleontological resource materials.	Maintain in compliance files copies of signed contracts or agreements with the designated paleontological resource specialist. Maintain these files for a period of three years after approval Paleontological Resources Report.	Periodic Audit by the CPM per PAL-5				
PAL-6	Ensure preparation of a Paleontological Resources Report by the designated paleontological resource specialist.	Submit a copy of the Paleontological Resources Report to the CPM for review and approval.	Within 90 days following completion of the analysis				

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METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
PAL-7	Include in the facility closure plan a description regarding facility closure activity's potential to impact paleontological resources.	Include a description of closure activities in the facility closure plan.	Facility Closure Plan				
GEN-1	Design, construct and inspect the project in accordance with the 1998 California Building Code (CBC) and all other applicable LORS in effect at the time initial design plans are submitted to the CBO for review and approval.	Submit to the CPM a statement of verification attesting that all designs, construction, installation and inspection requirements of the applicable LORS and the Decision have been met.	Within 30 days after receipt of the Certificate of Occupancy.				
GEN-1	Design, construct and inspect the project in accordance with the 1998 California Building Code (CBC) and all other applicable LORS in effect at the time initial design plans are submitted to the CBO for review and approval.	Provide the CPM a copy of the Certificate of Occupancy.	Within 30 days after receipt of the Certificate of Occupancy.				
GEN-2	Submit to the CPM and CBO a schedule of facility design submittals, a Master Drawing List, and a Master Specifications List.	Submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM.	60 days prior to start of rough grading	11/15/01	10/4/01	10/18/01	Complete
GEN-2	Submit to the CPM and CBO a schedule of facility design submittals, a Master Drawing List, and a Master Specifications List.	Provide schedule updates in Monthly Compliance Report	Monthly Compliance Report				
GEN-3	Make payments to the CBO for design review, plan check and construction inspection.	Make the required payments to the CBO at the time of submittal.	Submittal of plans to the CBO.				In progress
GEN-3	Make payments to the CBO for design review, plan check and construction inspection.	Send a copy of the CBO's receipt of payment to the CPM.	Monthly Compliance Report after Fees are Paid	11/15/01	12/14/01	N/A	In progress
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Submit to the CBO for review and approval, the name, qualifications and registration number of the RE.	30 days prior to start of rough grading	12/15/01	8/1/01	8/7/01	Complete
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Notify the CPM of the CBO's approvals of the RE.	Within 5 days of CBO approval	8/12/01	9/19/01	N/A	Complete
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Submit qualifications of replacement RE.	Within 5 days	12/12/01	12/12/01	1/16/02	Complete
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Notify the CPM of the CBO 's approval of the new engineer (RE).	Within 5 days of CBO approval	1/21/02	1/18/02	N/A	Complete
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Submit qualifications of replacement RE.	Within 5 days	11/14/02	11/14/02	11/18/2002, 5/7/03	Complete
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Notify the CPM of the CBO 's approval of the new engineer (RE).	Within 5 days of CBO approval	11/23/2002, 5/12/03	11/20/2002, 5/8/2003	N/A	Complete
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Submit qualifications of replacement RE.	Within 5 days	6/3/03	6/3/03	8/7/03	Complete
GEN-4	Assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE).	Notify the CPM of the CBO 's approval of the new engineer (RE).	Within 5 days of CBO approval	8/14/03	8/13/03	N/A	Complete
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) a design engineer; D) a mechanical engineer; and E) an electrical engineer.	Submit to the CBO for review and approval, the names, qualifications, and registration numbers of all the responsible engineers.	30 days prior to start of rough grading	12/15/01	8/1/01	8/7/01	Complete

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METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) a design engineer; D) a mechanical engineer; and E) an electrical engineer.	The project owner shall notify the CPM of the CBO 's approvals of the engineers within five days of the approval.	Within 5 days of CBO approval	8/12/01	8/16/01	N/A	Complete
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) a design engineer; D) a mechanical engineer; and E) an electrical engineer.	Submit qualifications of replacement engineer.	Within 5 days		12/17/01 11/26/01	1/16/02 1/18/01	Complete
GEN-5	Assign A) a civil engineer; B) a geotechnical engineer; C) a design engineer; D) a mechanical engineer; and E) an electrical engineer.	Notify the CPM of the CBO 's approval of the new engineer.	Within 5 days of CBO approval		1/18/02 & 1/28/02	N/A	Complete
GEN-6	Assign qualified and certified special inspector(s).	Submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications.	15 days prior to any activity requiring Special Inspection		1/11/02	1/16/02	In progress
GEN-6	Assign qualified and certified special inspector(s).	Submit to the CPM a copy of the CBO's approval.	Monthly Compliance Report after Special Inspectors are approved		2/14/2002 10/22/02	7/7/03	In progress
GEN-6	Assign qualified and certified special inspector(s).	Replacement of special inspectors	Replacement of Special Inspector				
GEN-6	Assign qualified and certified special inspector(s).	Notify the CPM of the CBO's approval of the newly assigned inspector.	Within 5 days of CBO approval				
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	Submit monthly construction progress reports to the CBO and CPM.	Monthly Construction Progress Report				In progress
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	Document the discrepancy and recommend the corrective action required.	Discrepancy in Design or Construction				
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	Transmit a copy of the CBO 's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM.	Within 15 days of CBO Approval or Disapproval of Discrepancy				
GEN-7	Keep the CBO informed regarding the status of engineering and construction.	If disapproved, advise the CPM, the reason for disapproval, and the revised corrective action to obtain CBO 's approval.	Within 5 days of CBO Approval or Disapproval of Discrepancy				
GEN-8	Obtain the CBO's final approval of all completed work.	Submit to the CBO, with a copy to the CPM, a written notice that the completed work is ready for final inspection, and a signed statement that the work conforms to the final approved plans.	Within 15 days of the completion of any work				
CIVIL-1	Prior to the start of site grading, submit to the CBO for review and approval the following: 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications; 4. Soils report	Submit the documents described above to the CBO for review and approval.	15 days prior to start of rough grading	12/30/01	8/27/01	4/2/02	Complete (Except for approval of Construction Facilities Plan, Rev.2)
CIVIL-1	Prior to the start of site grading, submit to the CBO for review and approval the following: 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications; 4. Soils report	Submit a written statement certifying that the documents have been approved by the CBO.	Monthly Compliance Report after CIVIL-1 Documents are Approved	5/14/02	5/14/02		Submitted with May Monthly Compliance Report.

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START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
CIVIL-2	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible geotechnical engineer identifies unforeseen adverse soil or geologic conditions.	Notify CPM within 5 days when work is stopped.	Within 5 days when work is stopped				
CIVIL-2	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible geotechnical engineer identifies unforeseen adverse soil or geologic conditions.	Submit modified plans, specifications and calculations to the CBO based on new conditions.	Work Stopped Due to Unforeseen or Adverse Soil Conditions				
CIVIL-2	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible geotechnical engineer identifies unforeseen adverse soil or geologic conditions.	Copy CPM within 5 days of CBO approval of Modified Plans.	5 days of CBO approval				
CIVIL-3	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	Start of Rough Grading				
CIVIL-3	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	The resident engineer shall transmit to the CBO and the CPM a Non-Conformance Report and the proposed corrective action.	Within 5 days of discovery of discrepancy in grading				
CIVIL-3	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	Submit the details of the corrective action to the CBO and the CPM.	Within 5 days of resolution of grading NCR.				
CIVIL-3	Perform inspections in accordance with the 1998 CBC, Chapter 1, Section 108, Inspections, Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection and Appendix Chapter 33, Section 3317, Grading Inspection.	A list of NCR's, for the reporting month, shall also be included in the following Monthly Compliance Report.	Monthly Compliance Report after Resolution of Grading NCR.				
CIVIL-4	After completion of finished grading and erosion and sedimentation control and drainage facilities, the project owner shall obtain the CBO's approval of the final "as-graded" grading plans, and final "as-built" plans for the erosion and sedimentation control facilities.	Submit to the CBO the responsible Civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans.	30 days after completion of the Erosion and Sediment Control Mitigation and Drainage Facilities	7/26/02	7/26/2002 / 1/6/03		Complete for phase 1 grading only.
CIVIL-4	After completion of finished grading and erosion and sedimentation control and drainage facilities, the project owner shall obtain the CBO's approval of the final "as-graded" grading plans, and final "as-built" plans for the erosion and sedimentation control facilities.	Submit a copy of this report to the CPM in the next Monthly Compliance Report.	Monthly Compliance Report Following Completion of the Erosion and Sediment Control Mitigation and Drainage Facilities	8/14/02	8/14/2002 / 1/17/03		Complete for phase 1 grading only.

As of February 29, 2004

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
STRUC-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	Submit to the CBO, with a copy to the CPM, the responsible design engineer's signed statement that the final design plans, specifications and calculations conform with all of the requirements.	30 days prior to any increment of STRUC-1 Construction				
STRUC-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	Obtain approval from the CBO of lateral force procedures proposed for project structures. Obtain approval from the CBO for the final design plans, specifications, calculations, soils reports, and applicable quality control procedures. Submit to the CBO the required number of copies of the structural plans, specifications, calculations. The final designs, plans, calculations and specifications shall be signed and stamped by the responsible design engineer.	90 days prior to the start of on-site fabrication and installation of each structure				In progress
STRUC-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	If the CBO discovers non-conformance with the stated requirements, resubmit the corrected plans to the CBO with a copy to the CPM.	Within 20 days of receipt of the nonconforming submittal				
STRUC-1	Submit to the CBO for review and approval the applicable designs, plans and drawings, and a list of those project structures, components and major equipment items that will undergo dynamic structural analysis.	Submit to the CPM a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and are in conformance with the requirements.	Approval by the CBO of Resubmitted STRUC-1 Submittal				
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	Submit test reports and inspection reports to the CBO	Test Reports or Inspection Reports are Complete				
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	If a discrepancy is discovered in any of the above data prepare and submit an NCR to the CBO, with a copy of the transmittal letter to the CPM.	Within 5 days of discovery of discrepancy				
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	Submit a copy of the corrective action to the CBO and the CPM.	Within five days of resolution of the NCR				
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	Transmit a copy of the CBO 's approval or disapproval of the corrective action to the CPM.	Within 15 days of CBO approval				
STRUC-2	The project owner shall submit to the CBO the required number of sets of the following: See STRUC-2.	If disapproved, advise the CPM, the reason for disapproval, and the revised corrective action to obtain CBO 's approval.	Within 5 days of CBO disapproval				
STRUC-3	Submit to the CBO design changes to the final plans required by the 1998 CBC, Chapter 1, Section 106.3.2, Submittal documents, and Section 106.3.3.	Notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies with a copy of the transmittal letter to the CPM.	Design Changes to STRUC-1 Designs Previously Approved by the CBO				

As of February 29, 2004

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
STRUC-3	Submit to the CBO design changes to the final plans required by the 1998 CBC, Chapter 1, Section 106.3.2, Submittal documents, and Section 106.3.3.	Notify the CPM, via the Monthly Compliance Report, when the CBO has approved the revised plans.	Monthly Compliance Report				
STRUC-4	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts must be designed to comply with Occupancy Category 2 of the 1998 CBC.	Submit to the CBO for review and approval, final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	30 days prior to the start of installation of the tanks or vessels				
STRUC-4	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts must be designed to comply with Occupancy Category 2 of the 1998 CBC.	Send copies of the CBO approvals of plan checks to the CPM in the following Monthly Compliance Report.	Monthly Compliance Report				
STRUC-4	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts must be designed to comply with Occupancy Category 2 of the 1998 CBC.	Transmit a copy of the CBO 's inspection approvals to the CPM.	Monthly Compliance Report				
MECH-1	Prior to the start of any increment of piping construction, submit, for CBO review and approval, the proposed final design drawings, specifications and calculations for each plant piping system.	Submit to the CBO for approval, with a copy to the CPM, the proposed final design plans, specifications, calculations, and quality control procedures for that increment of construction of piping systems.	30 days prior to the start of any increment of piping construction				
MECH-1	Prior to the start of any increment of piping construction, submit, for CBO review and approval, the proposed final design drawings, specifications and calculations for each plant piping system.	Transmit a copy of the CBO 's inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection.	Monthly Compliance Report after CBO inspection Approval of MECH-1 Piping Systems				
MECH-2	For all pressure vessels installed in the plant, submit to the CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by the applicable LORS.	Submit to the CBO for review and approval, final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification, with a copy to the CPM.	30 days prior to the start of on-site fabrication or installation of any pressure vessel				
MECH-2	For all pressure vessels installed in the plant, submit to the CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by the applicable LORS.	The project owner shall send copies of the CBO plan check approvals to the CPM in the following Monthly Compliance Report.	Monthly Compliance Report after CBO Approval of Plan Checks for Pressure Vessels				
MECH-2	For all pressure vessels installed in the plant, submit to the CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by the applicable LORS.	Transmit a copy of the CBO 's and/or Cal-OSHA inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection.	Monthly Compliance Report after CBO Inspection Approval of Pressure Vessels Defined in MECH-2				

As of February 29, 2004

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
MECH-3	Prior to the start of construction of any heating, ventilating, air conditioning (HVAC) or refrigeration system, submit to the CBO for review and approval the design plans, specifications, calculations and quality control procedures for that system.	Submit to the CBO the required HVAC and refrigeration calculations, plans and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer, with a copy to the CPM.	30 days prior to the start of construction of any HVAC or refrigeration system				
MECH-3	Prior to the start of construction of any heating, ventilating, air conditioning (HVAC) or refrigeration system, submit to the CBO for review and approval the design plans, specifications, calculations and quality control procedures for that system.	Send copies of CBO comments and approvals to the CPM in the next Monthly Compliance Report.	Monthly Compliance Report after CBO Approval of Plan Checks for HVAC Systems				
MECH-3	Prior to the start of construction of any heating, ventilating, air conditioning (HVAC) or refrigeration system, submit to the CBO for review and approval the design plans, specifications, calculations and quality control procedures for that system.	Transmit a copy of the CBO's inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection.	Monthly Compliance Report after CBO Inspection Approval of HVAC Systems Defined in MECH-3				
MECH-4	Prior to the start of each increment of plumbing construction, submit for CBO 's approval the final design plans, specifications, calculations, and QA/QC procedures for all plumbing systems, potable water systems, drainage systems, toilet rooms, building energy conservation systems, and temperature control and ventilation systems, including water and sewer connection permits issued by the local agency.	Submit to the CBO the final design plans, specifications and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the applicable edition of the CBC	30 days prior to the start of construction of any of the above systems				
MECH-4	Prior to the start of each increment of plumbing construction, submit for CBO 's approval the final design plans, specifications, calculations, and QA/QC procedures for all plumbing systems, potable water systems, drainage systems, toilet rooms, building energy conservation systems, and temperature control and ventilation systems, including water and sewer connection permits issued by the local agency.	Send the CPM a copy of the transmittal letter with the signed and stamped statement from the responsible mechanical engineer certifying compliance with the applicable edition of the CBC in the next Monthly Compliance Report.	Monthly Compliance Report after Mechanical Engineer Certification of HVAC System per MECH-4				
MECH-4	Prior to the start of each increment of plumbing construction, submit for CBO 's approval the final design plans, specifications, calculations, and QA/QC procedures for all plumbing systems, potable water systems, drainage systems, toilet rooms, building energy conservation systems, and temperature control and ventilation systems, including water and sewer connection permits issued by the local agency.	Transmit a copy of the CBO 's inspection approvals to the CPM in the next Monthly Compliance Report following completion of that increment of construction.	Monthly Compliance Report after CBO Inspection of HVAC System per MECH-4				

As of February 29, 2004

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
ELEC-1	For the 480V and higher systems, shall not begin any increment of electrical construction until plans for that increment have been approved by the CBO.	Submit to the CBO for review and approval the final design plans, specifications and calculations for electrical equipment, including a copy of the signed and stamped statement from the responsible electrical engineer.	30 days prior to the start of each increment of electrical construction				
ELEC-1	For the 480V and higher systems, shall not begin any increment of electrical construction until plans for that increment have been approved by the CBO.	Send a copy of the transmittal letter of the signed and stamped statement from the electrical engineer attesting compliance with the applicable LORS to the CPM.	Monthly Compliance Report after submitting Electrical Documents for CBO Approval per ELEC-1				
ELEC-1	For the 480V and higher systems, shall not begin any increment of electrical construction until plans for that increment have been approved by the CBO.	The following activities shall be reported in the Monthly Compliance Report: 1. Receipt or delay of major electrical equipment, 2. Testing or energization of major electrical equipment.	Monthly Compliance Report after Receipt or Testing of Equipment or CBO Approval of Electrical Drawings per ELEC-1				
ELEC-2	The project owner shall submit to the CBO the required number of copies of items A and B for review and approval and one copy of item C [CBC 1998, Section 106.3.2, Submittal documents.]	Submit to the CBO for review and approval the final design plans, specifications and calculations, for electrical equipment, including a copy of the signed and stamped statement from the responsible electrical engineer certifying compliance with the applicable LORS.	30 days prior to the start of each increment of electrical equipment installation				In progress
ELEC-2	The project owner shall submit to the CBO the required number of copies of items A and B for review and approval and one copy of item C [CBC 1998, Section 106.3.2, Submittal documents.]	Send a copy of the transmittal letter of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS to the CPM in the next Monthly Compliance Report.	Monthly Compliance Report after submitting Electrical Documents for CBO Approval per ELEC-2				
TSE-1	Ensure the design, construction and operation of transmission facilities conform to requirements TSE1a - h listed in Conditions of Certification.	Submit for approval to the CPM: Design drawings, specifications and calculations for the poles/towers, foundations, anchor bolts, conductors, grounding systems and major switchyard equipment.	60 days prior to construction of transmission facilities	3/1/04			
TSE-1	Ensure the design, construction and operation of transmission facilities conform to requirements TSE1a - h listed in Conditions of Certification.	Submit for approval to the CPM: b) For each element of the transmission facilities as identified above, the submittal package to the CPM shall contain the design criteria, etc.	60 days prior to construction of transmission facilities	3/1/04			
TSE-1	Ensure the design, construction and operation of transmission facilities conform to requirements TSE1a - h listed in Conditions of Certification.	Submit for approval to the CPM: c) Electrical one-line diagrams signed and sealed by the registered professional electrical engineer in responsible charge, a route map, and an engineering description of equipment.	60 days prior to construction of transmission facilities	3/1/04			
TSE-2	Inform the CPM of any impending changes which may not conform to the requirements of 1a - h listed in TSE-1 and request CPM approval to implement changes.	Inform the CPM of any impending changes which may not conform.	60 days prior to construction of transmission facilities	3/1/04			

As of February 29, 2004

METCALF ENERGY CENTER - COMPLIANCE MATRIX							
START OF MOBILIZATION/ROUGH GRADING		1/14/2002					
START OF CONSTRUCTION		9/1/2002					
Condition No.	Requirements & Task Summary	Action required	Event	Required Submittal Date	Date submitted to CPM/CBO	Date approved by CPM/CBO	Status/ Comments
TSE-3	Be responsible for the inspection of the transmission facilities during and after project construction and any subsequent CPM approved changes.	Transmit to the CPM "as built" engineering description(s) and one-line drawings of the as-built facilities signed and sealed by a registered electrical engineer in responsible charge.	Within 60 days after synchronization of the project				
TSE-3	Be responsible for the inspection of the transmission facilities during and after project construction and any subsequent CPM approved changes.	Transmit to the CPM an "as built" engineering description of the mechanical, structural, and civil portion of the transmission facilities signed and sealed by the registered engineer.	Within 60 days after synchronization of the project				
TSE-3	Be responsible for the inspection of the transmission facilities during and after project construction and any subsequent CPM approved changes.	Transmit to the CPM a summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken, signed and sealed by the registered engineer.	Within 60 days after synchronization of the project				
Governor's Executive Order No. D-25-01	Milestones, and method of verification must be established and agreed upon by the project owner and the CPM no later than 30 days after project approval, the date of docketing. If this deadline is not met, the CPM will establish the milestones.	ESTABLISH PRE-CONSTRUCTION MILESTONES TO ENABLE START OF CONSTRUCTION WITHIN ONE YEAR OF CERTIFICATION	Project Certification	10/24/01	10/24/01	11/19/01	Complete
Governor's Executive Order No. D-25-01	Milestones, and method of verification must be established and agreed upon by the project owner and the CPM no later than 30 days after project approval, the date of docketing. If this deadline is not met, the CPM will establish the milestones.	ESTABLISH CONSTRUCTION MILESTONES FROM DATE OF START OF CONSTRUCTION	Project Certification	10/24/01	10/24/2001 9/10/02 (rev.)	11/19/2001 10/25/02 (rev.)	Complete
Pre-constr matrix	Prior to commencing construction a compliance matrix addressing only those conditions that must be fulfilled before the start of construction shall be submitted to the CPM.	Construction shall not commence until the pre-construction matrix is submitted, all pre-construction conditions have been complied with, and the CPM has issued a letter to the project owner authorizing construction.	Start of Construction	9/1/02	8/7/02	8/30/02	Complete
Compliance matrix	A compliance matrix shall be submitted by along with each monthly and annual compliance report.	Submit compliance matrix to CPM	Monthly Compliance Report	11/15/01	11/15/01		On-going

CBO SUBMITTALS, COMMENTS AND APPROVALS

METCALF ENERGY CENTER
MONTHLY COMPLIANCE REPORT

**METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO**

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments	Documents	
				Issued	To Check	From Check	Respond	From Check	Status		Sub'd	Rsp'd
		00001	Never Assigned									
		00002	Never Assigned									
		00009	Construction Facilities Drawing	2/27/2002 3/20/2002	3/21/2002						1	
GEN-2		00010	Gas Turbine Difuser	2/27/2002 3/20/2002	3/21/2002	3/29/2002	See 00025		A-3/29/2002		1	1
GEN-2		00025	Gas Turbine Difuser Condition of Certification	4/22/2002					A-4/24/02		1	1
GEN-6	1008		Field Engineers and Special Inspectors John Edwin Nelson and Roman M. Reyes						A-9/28/02		1	1
GEN-2	1009		Bechtel Proposed CBO Submittal List (24193-000-T01-GEGX-00018)						C-10/16/02		1	1
GEN-5	1011		Qualifications Statement Ballod (Civil), Masi (Mech) & Rubin (Elect)						A-1/18/02		1	1
GEN-4	1012		Qualifications: Resident Engineer Mr. Shuke Miao of Mortenson						A-1/17/02		1	1
GEN-4	Calpine Letter	00268	Qualifications: Resident Engineer: Mr. Robert K. Anders	6/3/2003								
GEN-4	Calpine Letter	00272	Qualifications: Resident Engineer: Mr. Robert K. Anders	7/9/2003								
GEN-5	1013		Statements of Qualifications C. Barry Butler and Richard G. Woodward-(Geotech)						A-1/16/02		1	1
GEN-6	1014		Statement of Qualifications, Bill Petroski						C-1/18/02		1	1
GEN-6	1015		Special Inspectors-Jarrold Bordi (1 of 6)-ICBO/ACI	01/11/02					A-1/16/02	AWS/CW	1	1
GEN-6	1015		Special Inspector-Kevin Brown (2 of 6)-ICBO/ACI	01/11/02					A-1/16/02		1	1
GEN-6	1015		Special Inspector-Leah Welliver (3 of 6)-ICBO/ACI	01/11/02					A-1/16/02		1	1
GEN-6	1015		Special Inspector - Steven Harvey (4 of 6)-ICBO/ACI	01/11/02					A-1/16/02		1	1
GEN-6	1015		Special Inspectors-Bundy Chamberlain Jr.(5 of 6)	01/11/02					C-1/16/02		1	1
GEN-6	1015		Special Inspectors - Daniel Camacho (6 of 6)	01/11/02					C-1/16/02		1	1
GEN-6	1015		Statement of Qualification - Special Inspectors	01/11/02					C-1/17/02		1	1
GEN-5	1016		Statement of Qualifications, Emma, Chaiense						A-9/20-02		1	1
GEN-5	1017		Statement of Qualification: Civil/Structural - Mr. Lantry						A-9/20/02		1	1
	1019		Statement of Qualification: Civil -Protocol A, Mr. Lantry						A-9/20/02		1	1
GEN-2	1017	000051	CBO Submittal List	07/18/02								
GEN-2	1017	000083	CBO Submittal List	10/11/02							1	1
GEN-2	1018	000138	CBO Submittal List	01/27/02							1	1
GEN-5	1017		Resp. Design Eng: Civil - Mr. Lantry								1	1

**METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO**

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments	Documents	
				Issued	To Check	From Check	Respond	From Check	Status		Sub'd	Rsp'd
GEN-5	1019	000159	Responsible Civil Engineer	4/7/03 No rsp rq'd								
GEN 4			Resident Engineer Transition Acceptance by SG	02/04/03							1	1
TSE-1	Calpine Letter		Qualifications: Switchyard Power Engineers 2 Resumes	02/04/03			3/21/2003		Condition Approved	Needs: PE Certs		
			Carl Johnson - Resume								1	1
			Kevin Murar - Resume								1	1
	Calpine Letter		Qualifications: Switchyard Power Engineers 2 Registration Certificates	04/17/03			8/4/2003		Approved	HK Stamped 6/10/03		
			Carl Johnson - Certification									
			Kevin Murar - Certification									
GEN 5	Calpine Letter		Qualifications: Gas Pipeline Raymundo Engineering: 2 Resumes	02/05/03			03/21/03	HK	Condition Approved	Needs: PE Certs, ORG Chart other Resumes	1	1
			Resp. Design Eng: Gas Pipeline - John Byrne									
			Resp. Design Eng: Gas Pipeline - Bernard Wroblewski	02/05/03							1	1
GEN-5	Calpine Letter		Qualifications: Gas Pipeline Raymundo Engineering: 4 Resumes, Organizational Chart, Inspection Plan	05/05/03			08/06/03	HK	Approved	HK stamped on 6/10/03	6	0
			William Raymundo- Resume									
			John J. Byrne - Resume									
			Karli K. Maeda - Resume									
			Bart F. Oddo - Resume									
			Inspection Plans									
			Organizational Chart									
GEN-5	Calpine Letter		Qualifications: Access Road and Sewer Line CH2M-Hill Engineering: 2 Resumes	03/25/03			04/30/03	HK	Approved			
			Mike Zabaneh - Resume									
			Benjamin Wright - Resume									
WASTE-4	Calpine Letter		Qualifications: Registered Geologist 2 Letters 6 Resumes	04/18/03			Info Only		No Approval Req'd			
			Letter to Steve Munroe 3/12/03									
			Mark Smolley									
			Letter to Steve Munroe July 31,2001									

**METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO**

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments	Documents	
				Issued	To Check	From Check	Respond	From Check	Status		Sub'd	Rsp'd
			Ana Demorest-Resume									
			David Ritzman - Resume									
			Julia S. Spahn - resume									
			Keith Sheets - resume									
			Scott Eric lamb - Resume									
GEN-5	Calpine		Qualifications: Archetectural Screen Wall Geiger Engineers: 1 resume	03/14/03			08/05/03	HK	Approved	HK stamped on 6/10/03		
			Kris Hamilton - Resume									
GEN-4	Calpine	0268	Resident Engineer Bob Anders	06/03/03			08/07/03	HK	Approved			
GEN-4	Calpine	0272	Deputy Resident Engineer	07/09/03			08/07/03	HK	Approved			
GEN-4	Calpine	0000	Resident Engineer Exit Statement	06/03/03			08/07/03	HK	Approved			
GEN-4	Calpine	0276	Resident Engineer Enter Statement	08/07/03			08/07/03	HK	Approved			
GEN-5	Calpine	0283	Civil/Structural RDE - Mr. Martin Ballod Resume	08/26/03	8/29/2003			HK				
GEN-5	Calpine	0000	Fire Protection RDE - Mr. Ray Podesfinski	08/29/03	8/29/2003			HK				
GEN-8	3060	000190	Certification upon Completion of Increment of Work Marty Ballod Certification of Piles	08/28/03	8/29/2003			HK				
	Calpine	00514	Letters from Lowney Individual Foundations	09/08/03								
	Calpine	00xxx	Letter from Lowney Overall Foundations									
	Calpine	00740	Trailer Info Rosenin	10/14/03								
	Calpine	00741	Trailer Info Top Grade	10/14/03								
	Calpine	00742	Trailer Info OC McDonald	10/14/03								
	Calpine	00743	Trailer Info Conco	10/14/03								

Status Code

A - Approved	P - Approved upon sign-off by Engineer, Inspector or Geotech, or other Third Party indicated by CBO.	Total:	Total:
I - Accepted as for information only	D - Discussion pending between CBO, Engineer, Geotech, Inspector or other party	30	26
N - Not approved, returned with comments.	H - On hold by Mortenson/Calpine		

METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO

WILLDAN CBO PROJECT NO. 13254

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**METCALF DOCUMENT SUBMITTAL RECORD
CALPINE/B&R AND CBO**

WILLDAN CBO PROJECT NO. 13254

Condition of Certification	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments or Action Required	Documents	
				Issued Date	To Check	From Check	Resp' Date	Check By	Status		Rc'd	Rsp'd
CIVIL-1		Bechtel	Storm Water Management Plan					DN			0	0
			Erosion-Sediment Control & Storm Water Plan: Report# 24193-000-G27-GEK-00001 Rev2	10/19/01			4/8/2002	DN	Approved	R2	1	1
			Calc: Storm Basin Sizing H&H-1 Rev 1	08/21/02			4/8/2002		Approved	R1	1	1
		*	Calc: Storm Drain Design H&H-2 Rev 2	10/30/2002			4/8/2002		Approved	R2	1	1
			Calc: Retaining Wall Structure 000-DBC-000-00001	10/10/2002			4/8/2002		Approved	R0 * May not belong in this package	1	1
			Drwg: 0-C2-0000-00001 Site Plan	10/12/2001			4/8/2002		Approved	R2	1	0
			Drwg: 0-C2-0000-00002 Const. Facilities	10/17/2001						R2	1	0
			Drwg: 0-CE-0000-00001 Clearing Stripping Stockpile	10/19/2001			4/8/2002		Approved	R1	1	0
			Drwg: 0-CG-0100-00001 Rough Grading Phase 1	10/24/2001			4/8/2002		Approved	R3	1	0
			Drwg: 0-CG-0100-00002 Rough Grading Phase 2								1	0
			Drwg: 0-CG-0090-00001 Erosion Control Details								1	0
			Drwg: 0-CG-0090-00002 Drainage Details	8/20/2001						R1	1	0
			Drwg: 0-CG-0090-00003 Rough Grading Details								1	0
			Drwg: 0-CG-0090-00004 Drainage Headwall Details	10/19/2001			4/8/2002		Approved	R1	1	0
		*	Drwg: 0-CG-0090-00005 Rough Grading Sections								1	0
			Drwg: 0-CG-0090-00006 Retaining Wall	8/10/2001						R0 * May not belong in this package		
			Drwg: 0-CD-0100-00001 Storm Water Piping Plan	10/31/2001			4/8/2002		Approved	R2	1	0
			Drwg: 0-CS-0200-00001 Main Access Road	10/19/2001			4/8/2002		Approved	R1	1	0
			Drwg: 0-CS-0300-00001 Railroad Plan & Profile	8/10/2001						R0	1	0
CIVIL-1	2001		Rough Grade Plan Check	8/29/2001					C-9/18/01		1	1
CIVIL-1	2001		Grading Retaining Wall-Geotech Review	9/18/2001					C-10/19/01		1	1
	2001		Geotechnical Report (by Arroyo)	1/12/2002					6/12/2002		1	1
CIVIL-1	2002		Plot Plan - Bechtel C2-0000-00003						C-10/26/02		1	1
CIVIL-1	2003		Engineering Geology Report	10/26/2002						See 2008	1	
CIVIL-1	2004		Engineering Geology Report	10/26/2002						See 2008	1	
CIVIL-1	2004	000146	Phase 2 - Drainage and Grading: 4 Drawings	2/28/03 3/14/03				RS HK				
			Drwg: C-071-R0 Rough Grading Plan	approved								
			Drwg: C-072-R0 Drainage Plan	C apvd								
			Drwg: C-073-R0 Foundation Schedule	C apvd								
			Drwg: C-074-R0 Crane Staging Area Plan	info								
	2004	000196	Phase 2 - Drainage and Grading: 4 Drawings	09/23/03								
			Drwg: C-072-R1 Drainage Plan	approved								
CIVIL-1	2005		Technical Specification for Earthwork						C-11/15/02		1	1

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				Issued Date	To Check	From Check	Resp' Date	Check By	Status		Rc'd	Rsp'd
CIVIL-1		00020	Subsurface Investigation & Geology Report: CY-0000-001 Rev H 0-CG-0100-00002 Rev. 1, 0-CG-0090-00006 Rev. 0, 0-C2-0000-00001 Rev. 1	4/2/2002					A-4/4/02		4	4
GEO-2	2008		Engineering Geology Report - Application for Grading Permit						C-1/17/02		1	1
GEO-2	2008	000007	Subsurface Investigation & Foundation Report-Responses to Arroyo's comments	2/15/2002 3/8/2002					Verbal Evans	See 00012 Response Forcast 3/22/02	1	
GEO-2	2008	000012	Subsurface Investigation and Foundation Report-Lettere	3/6/2002					A-3/29/02	Response Forcast 3/22/02 Response Received 3/29/02	1	1
CIVIL-1	2009	000028	Sediment & Erosion control - C050 South laydown yard Sediment & Erosion Control Plan Rev 0 C060 Sedimentation & Erosion Notes & Details Rev 0 C061 Sedimentation&Erosion Details Rev.0	4/30/2002					A-9/26/02 Verbal HK	Disposition dated 10/14/02 Response Forcast CEC	4	4
CIVIL-1	2009	000048	Sediment & Erosion Control Burns & Roe response to comments	7/3/2002					A-9/26/02	Disposition dated 10/14/02	1	1
CIVIL-1	2010	000029	Burns & Roe Response to comments on Design of Concrete Filled Pipe Piles	5/6/2002 5/28/2002					A-5/8/02	Approved with 3014	1	1
CIVIL-4	2011	000054	Site Observation Report: Dated 7/25/02	07/26/02 No rsp rq'd							1	
CIVIL-4	3052	000126	Site Observation Report: Marty Ballod final site visit. Three page document	01/06/2003 No rsp rq'd	01/10/03		01/17/02	HK-DW	resubmitted	Comments from HK faxed to engineer. Report to be discussed at meeting with SG&SM Resident engineer transfer.		
CIVIL-4	3052	000136	Site Observation Report: Marty Ballod final site visit. Three page document	01/27/2003 No rsp rq'd	2/4/2003			HK-RS				
CIVIL-4	3052	000156	Revised Site Observation Report:	3/24/2003 No rsp rq'd					Approved			
CIVIL-1		000004	Retaining Wall Supersceded by Keystone Blocks	2/6/2002							1	
CIVIL-1	2012	00069	Retaining Wall as built drawings 0-CG-0090-00006 Rev 2 2484-C030 Rev. 0	9/13/2002 10/7/2002						Low Priority per JF on 10/9/02 Replaces FCR 0002	2	

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CIVIL-1	3022	00037	Roadway Drawings C040 Road Geometry Plan Rev. 0 C043 Typical Road Cross Section Rev. 0 C045 PG&E All-Terrain Vehicle Access Partial Plan Rev.0	6/13/2002 6/27/2002		7/10/2002			N-7/1/02		3	0
CIVIL-1	3022	00056	Roadway Drawings - Burns & Roe Response to Willdan Comments of 7/1/02	08/02/02 08/22/02					C-10/9/02	Tech Specs Section (Earthwork) should be referred to for all compaction requirements	1	1
CIVIL-1	3022	00062	Roadway Drawings C040 Road Geometry Plan Rev. 2 C043 Typical Road Cross Sections Rev. 2 C045 PG&E All Terrain Vehicle Access, Rev 2	08/21/02 09/12/02					A-10/9/02		3	3
CIVIL-1	3022	00113	Roadway: Drwg: C040R3 Drwg: C045R3	12/6/2002							2	2
CIVIL-1	3022	000118	Roadway: Letter: Response to CBO Comments: Roadway crosssection Dwg: C043 R3	12/23/02	1/28/03	1/28/03		HK	Approved Unstamped		1	
CIVIL-1	2013	000107	Temporary Construction Facilities: Drwg# C070-R0	11/25/02	02/04/02	xx	xx	RS	xx	Kirsten Advises not to review because permits are not in place	1	
CIVIL-1	2013	000161	Temporary Construction Facilities: Drwg# C070-R1	04/14/03	04/22/03	xx	xx	RS ES	Under Review	Needs Lighting added Plus	1	
CIVIL-1	2013	Calpine 00500	Temporary Construction Facilities: Drwg# C-070 Modified by Redline for Drainage	09/02/03	09/03/03	09/03/03	xx	RS	Under Review	Needs Invert Elevations and much more	1	
	2013	000000	Drawings requested by Ralph Sellers: Provided by Calpine	02/05/03	02/06/03							
			C030-R0 Retaining Wall									
			C070-R1 Temp Const Facilities									
			C035-RA Site Fencing									
			C036-RA Site Fencing									
			C040-R3 Road Geometry									
			C043-R3 Road Cross Section									
			C045-R3 PGE Dirt Roads									
			C050-R1 South Laydown Area									
			C060-R1 Sediment Erosion Control Notes									
			C061-R1 Sediment Erosion Control									

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CIVIL-1	6001	Calpine Transmittal 00272	Linear Facilities: Roadway, Potable Water, Recycled Water, & Sewer 17 Drawings:CH2MHILL preliminary	03/28/03	03/28/03			RS GC		Drawings are for 30% Design	17	0
			G-11 Title Sheet Legends									
			G-2 General Notes									
			G-3 Key Plan Overall View									
			X-1 Typical Cross Sections									
			L-1 Plan & Profile Detail									
			L-2 Plan & Profile Detail									
			L-3 Plan & Profile Detail									
			L-4 Plan & Profile Detail									
			L-5 Plan & Profile Detail									
			L-6 Plan & Profile Detail									
			L-7 Plan & Profile Detail									
			L-8 Plan & Profile Detail									
			L-9 Plan & Profile Detail									
			L-10 Plan & Profile Detail									
			D-1 Contruction Detail									
			SD-1 Standard Details									
			SD-2 Stand Details									
	6001	Calpine Letter 2/17/04	Linear Facilities: Roadway, Potable Water, Recycled Water, & Sewer 31 Drawings:CH2MHILL 100% Design	02/17/04	02/17/04	02/25/04	n/a	RS DW GC	Comments Sent Feb 25	Comments need Response,		
			Specification Booklet									
			T-1 Cover Page with Legend									
			G-1 Title Sheet Legends									
			K-1									
			X-1 Typical Cross Sections									
			L-1 Plan & Profile Detail									
			L-2 Plan & Profile Detail									
			L-3 Plan & Profile Detail									
			L-4 Plan & Profile Detail									
			L-5 Plan & Profile Detail									
			L-6 Plan & Profile Detail									
			L-7 Plan & Profile Detail									
			L-8 Plan & Profile Detail									
			L-9 Plan & Profile Detail									
			L-10 Plan & Profile Detail									
			D-1 Contruction Detail									
			D-2									
			CD-1 Standard Details									
			CD-2 Stand Details									
			CD-3 Stand Details									
			CD-4 Stand Details									

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				Issued Due	To Checker	From Checker	Response	Plan Check	Status		Submitted	Response	
STRUC-1		00005	CTG & STG Foundation Piling Drawings S110 Composite Pile Plan Rev A S111 Pile Sections and Details S200 CTG Pedestal Pile Location Plan S240 STG Pedestal Pile Location Plan	02/06/02 02/27/02	03/21/02	03/29/02			A-3/29/02		4	4	
STRUC-1		00006	Spec's for concrete curing, forming & Grout 03100, 03390 & 03600 Rev. A	2/15/02 03/8/02		03/15/02	See 00017		03/15/02				
STRUC-1		00011	CTG, STG & HRSRG Pile Calculations	2/28/02 3/21/02	03/21/02	03/29/02			A-3/29/02		3	3	
STRUC-1		00013	Overdue Response Notification CBO 0005, 0006, 0007	03/11/02			Resp to 00005,00006, 00007						
STRUC-1	3001		HRSRG Foundation and Lateral calculations	08/09/01					C-9/28-01				
STRUC-1	3001		HRSRG Structural Calculations	11/01/02					C-11/7/02				
STRUC-1	3001		HRSRG - Frame corner connections, shear blocks, base plates and casing stiffeners						C-1/14/02				
STRUC-1	3002	00003	Piling Specs (test piles) , 02472, Concrete Filled Pipe Piles, Rev.C 02473 Pile Test Program Rev 0 03200 Concrete Reinforcement Rev 0 03300 Cast-In-Place Concrete Rev. 0 S108 Pile Load Test Plan Rev. 0.	01/31/02		03/01/02	See 00015		C-3/1/02		6	6	
STRUC-1	3002	00015	Piling Specs (test piles) 02472, Concrete Filled Pipe Piles, Rev.C 02473 Pile Test Program Rev A 03200 Concrete Reinforcement Rev A 03300 Cast-In-Place Concrete Rev. A S108 Pile Load Test Plan Rev. D. S109 Test Pile Sections & Details Rev. D	03/14/02 03/21/02	03/21/02	03/29/02			A-3/29/02		6	6	
STRUC-1	3002	00089	WaterPipe Specification 03300 Dwg. For Circ. Water Pipe Support Frame	10/29/02 11/19/02							1		
STRUC-1	3002	000153	Piling Specs: 1 Specification Spec# 02472-R4 Concrete Filled Pipe Piles	3/11/03 3/24/03				BB HK			1		
STRUC-1	3004		Report on Seismic Design Motions						03/14/02		1		
STRUC-1	3006		Concrete Specs: 3 Documents Concrete formwork Curing & Grout Spec 03100, Concrete Curing Specs 03390 Rev. A and Grout, Spec 03600 Rev.A.	01/31/02					A-3/26/02		3	3	
STRUC-1	3006	00017	Spec's for concrete curing, forming & Grout 03100, 03390 & 03600 Rev. A	3/20/02 4/10/02					A-3/26/02		3	3	
STRUC-1	3007		Design Report for W501F Exhaust System Difuser						A-4/24/02		1	1	
STRUC-1	3009	00008	HRSRG Piles: Pile Location Plan S300	02/20/02 03/13/02	03/21/02	03/29/02			A-5/15/02		1	1	
STRUC-1	3010	00014	Gas Turbine documentation SWPC-CM-008 Enclosure "B" Side Platform Analysis SWPC-CM-009 Generator End Exterior Platform and Stair SWPC-CM-010 Exhaust End Exterior Platform and Stair SWPC-CM-011 Exhaust End Interior Platform and Stair 17-001-HR Sheets 1-7 R	03/13/02 04/3/02	04/03/02	04/04/02	See 00031		C-4/3/02		5	5	

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STRUC-1	3010	00031	Gas Turbine Document - Calculations and other documentation and Siemens Westinghouse response to Willdan's 4/3 Comments Dwg 17-001-HR.R1	5/17/2002					A-5/31/02			
STRUC-1	3010	00071	Siemens Westinghouse: Dwg 17-001-HR.R2 General Arrangement 501FD Inlet Silencer System.	9/18/2002 10/10/2002							1	
STRUC-1	3011	00016	Specs 01410 Rev. B -Testing Laboratory Services	3/18/2002 4/8/2002					A-4/8/02		1	1
STRUC-1	3012	00018	Civil Structural Design Criteria	3/20/2002 4/10/2002		4/18/2002	as CBO 00026		N-4/18/02		1	NA
STRUC-1	3012	00026	Civil/Structural Design Criteria - fixed head moment values for each pile.	4/26/2002 5/17/2002					C-5/15/02		1	1
STRUC-1	3012	00018	Civil/Structural Design Criteria				See 00018 & 00026		A-5/15/02		1	1
STRUC-1	3012	00082	Civil/Structural Design Criteria Rev. 1	10/3/02 10/24/02					A-11/7/02		1	1
STRUC-1	3013	00019	Gen. Notes & Typical Detail Drawings S101, S680, S685, S690, S980, S981, S984, S985, S988, S989, S991, S993 & S997 Rev.0	04/29/02	4/23/2002				A-4/30/02		13	13
STRUC-1	3013	00027	Gen. Notes & Typical Detail Drawings S101, S680, S685, S690, S980, S981, S984, S985, S988, S989, S991, S993 & S997 Rev.A	4/29/02 5/20/02					A-4/30/02		13	13
STRUC-1	3014	00022	CTG, STG, HRSG Piles Calculations Concrete Filled Pipe Piles, 02484-001-06-001 Rev. O Combust Turb Found Unit 1, 02484-001-06-004 Rev. O Steam Turb Ped Found, 02484-001-06-005 Rev. O Mat Foundation for HRSG and Stack Unit 1, 02484-001-06-001 Rev. O Compos	4/4/02 4/25/02		04/26/02	see 00029		A-5/8/02	Sent to JL (Industry 10/4) Approved Disposition dated 8/31/02	4	4
STRUC-1	3014	00082	Composite Pile Plan: Drawing S110-R1	10/3/02 10/24/02					A-11/7/02	Sent to E. Moran / Hans and Bart's review -- get latest draw	1	1
STRUC-1	3014	000135	Composite Pile Plan: Drawing S110-R2 Pile Section Detai Drwg S111-R1	01/27/03 02/27/03	To Checker 1/29/03			GJ BB HK	Approved Unstamped	HK to Review and Approve		
STRUC-1	3015	00023	HRSG & Stack foundation Mat Calc 02484-001-06-007 - Unit 2 Foundation Drawings: S305 HRSG Plan Unit #1 Rev. 0 S306 HRSG Plan Unit #2 Rev 0 S307 HRSG Reinforcing Plan Unit #1 Rev 0 S308 HRSG Reinforcing Plan Unit #2 Rev 0 S310 HRSG Section & Details Unit	4/12/02 5/03/02					A-5/16/02		6	6
STRUC-1	3016	00021	200 Gal. Reservoir Hydraulic Power Unt/Seismic Calc.	04/02/02 04/23/02					A-5/10/02		1	1
STRUC-1	3017	00024	CTG Foundation: Drawings & Calcs. - CTG Foundations Calc 02484-001-06-004 CTG Units 1&2 Found. Rev.0 S205 CTG Units 1&2 Rev 0 S206 CTG Units 1&2 Rev 0 S208 CTG Units 1&2 Rev 0 S210 CTG Units 1&2 Rev 0	4/16/02 5/07/02		05/31/02			A-5/31/02	Approved with 2010 Approved Disposition dated 10/22/02	5	5
STRUC-1	3017	00073	CTG: Revisions and Resubmittal with the new Pile capacities - Calculations for CTG foundations Calculation 02484-001-06-004Rev 1 Dated 9/13	9/19/02 10/3/02				JL	A-10/22/02	see 00072	1	1

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STRUC-1	3017	00095	CTG Foundation S205 Combustion Turbine Generator Units 1 & 2 Foundation Plan, Rev. 1 dated 10/29/02	11/5/02 11/26/02				hold		BB to research correspondence - Done Confirmed Pile Design Approved 4/09/03	1		
STRUC-1	3017	000177	CTG Foundation: 2 Drawings	07/09/03	not yet					BB found that S-205-R1 is a embedment dimensional drawing only and does not require CBO approval	2	0	
			S205-R2 CTG 1&2 Foundation Plan										
			S208-R1 CTG 1&2 Section Details										
STRUC-1	3017	000179	CTG Circuit Breaker Platform: 2 Drawings	07/22/03	not yet						2	0	
			S880-R1 CTG #1 Circuit Breaker Platform Sections and Details										
			S881-R1 CTG #2 Circuit Breaker PlatformSections and Details										
STRUC-1	3018	00030	Pile Testing Revised doc. - ECN 001 Revisions for Specs 02473, Drwg S108, S109,	05/07/02			see 3037		A-5/15/02	Superceded by 3037	4	4	
STRUC-1	3018	00032	Doc. Review by Lowney Accociate - ECN 001	05/20/02			see 3037		NA	Superceded by 3037	1	NA	
STRUC-1	3018	00040	Pile Testing Revised documents ECR 003 Spec 02472 Concrete-filled pipe piles Rev.1 S108, Pile Load Test Plan Rev 2 S109, Test Pile Sections and Details, Rev 2	6/20/02 6/25/02			see 3037			Superceded by 3037	4		
STRUC-1	3018	00044	Pile Test Program: Revised Documents - Drwg S108, Pile Load Test Plan, Rev.3	6/27/02 7/19/02		07/23/02	see 3037		7/23/2002	Superceded by 3037 4 sets of S108-R3 in trailer on 7-23-03	2		
STRUC-1	3018	00059	Pile Test Program: (ECR No. 004) Revisions to pile test program base on the test results obtained to date.	8/6/02 8/27/02			see 3037		A-9/26/02	Superceded by 3037	1		
STRUC-1	3019	00033	Specification: 3 Documents Spec# 01410-R0, Testing Laboratory Services Spec# 05120-R0, Structural Steel Spec# 13121-R0, Pre-Engineered Buildings	5/24/02 6/14/02					A-6/14/02		3	3	
STRUC-1	3019	000181	Specification: 1 document Spec# 05120-R2, Structural Steel	07/29/03						Packet has 2 documents. See 3025-000181 for other doc			
STRUC-1	3020	00034	Moved to Section 3023 STG Platform Foundation										
STRUC-1	3020	00035	STG Platform Calcs	Void				JL	Void				
STRUC-1	3020	00066	STG Platform Calcs 0284-001-06-029 Rev 0 S701, S705, S706, S750, S751, S752, S765, S766, S775, S776, S800, S805, S810, S830 Rev. 0	8/30/02 9/23/02				JL	10/8/02will resubmitt	10/4 to City of Industry	15	15	
STRUC-1	3020	00087	STG Platform: 1 Calc, 25 Drawings	10/28/02 11/18/02	11/06/02	11/19/02	Approval To Eng 01/23/03	JL	Approved Unstamped	Includes Calc's for Circ-water pipe supt drwg in 3041-000090 Response from checker was misplaced for a while. Engineer inquiry 1/2103	26	26	
			Calc 02484-001-06-029 R1, Steam Turbine Generator Platform										
			S700-R0, Structural Steel Drawing List										
			S701-R1, STG Platform Framing Plan at Elevat 295'-01/2"										
			S705-R1, STG Platform Framing Plan at Elevat 295'-6"										
			S706-R1, STG Platform Framing Plan at Elevat 279'-81/2"										

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			S707-R0, STG Platform Mezzanine Level Partial Plan									
			S708-R0, STG Platform Mezzanine Level Partial Plan									
			S750-R1, STG Platform Elevatio Along Col. Lines 1, 1.5 & 2									
			S751-R1, STG Platform Elevation Along Col Lines 3 & 4									
			S765-R1, STG Platfrm Girt Elev At Col. Line 1,1.5, D, 2&C.4									
			S766-R1, STG Platfrm Girt Elevat Along Col. Lines G & 4.8									
			S775-R1, STG Platform Elevat Along Col. Lines A,B,C&C.4									
			S776-R1, STG Platform Elevat Along Col. Lines D, E, F & G									
			S800-R1, STG Platform Column Schedule									
			S805-R1, STG Platform Base Plate Details									
			S810-R1, STG Platform Steel Sections & Details									
			S811-R0, STG Platform Steel Sections & Details									
			S812-R0, STG Platform Steel Sections & Details									
			S813-R0, STG Platform Steel Sections & Details									
			S830-R1, STG Platform Stair #1 Plans									
			S831-R0, STG Platform Stair #2 Plans									
			S832-R0, STG Platform Stair #3 Plans									
			S833-R0, STG Platform Stair #1 Plans									
			S835-R0, STG Platform Stair #1 Sections									
			S836-R0, STG Platform Stair #1 Sections									
			S837-R0, STG Platform Stair #1 Sections									
STRUC-1	3020	000163	STG Platform: 28 Drawings (this bach was revised by BREI	4/22/03 5/06/03	04/29/03	05/31/03		GJ	Approved by Checker	GJ Sent to JL in City of Industry. Approved by Steve Windmayer CBO needs make Disposition and Inform	28	28
			S700 - R1 Structural Steel Drawing List									
			S701 - R2 Framing Plan									
			S705 - R2 Framing Plan									
			S706 - R2 Framing Plan									
			S707 - R1 Mezzanine									
			S708 - R1 Mezzanine									
			S709 - R0 Checkered Plate									
			S715 - R2 Pedestal Access Platform									
			S750 - R2 Elevations along Column line									
			S751 - R2 Elevations along Column line									
			S752 - R2 Elevations along Column line									
			S765 - R2 Girt Elevations									
			S766 - R2 Girt Elevations									
			S770 - R0 Removable Panel Details									
			S771 - R0 Removable Panel Details									
			S775 - R2 Elevations along Column line									
			S776 - R2 Elevations along Column line									
			S805 - R2 Base Plate Details									
			S810 - R2 Steel Sections									
			S811 - R1 Steel Sections									
			S812 - R1 Steel Sections									
			S813 - R1 Steel Sections									
			S830 - R2 Stair #1									
			S831 - R1 Stair #2									
			S832 - R1 Stair #3									
			S835 - R1 Stair #1 Section									
			S836 - R1 Stair #2 Section									
			S837 - R1 Stair #3 Section									

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Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments - Action Required	Documents	
				Issued Due	To Checker	From Checker	Response	Plan Check	Status		Submitted	Response
STRUC-1	3021	00036	Siemens Westinghouse Documents - Design and Load Calculations for Gland Seal Steam Skid W501F Turbine Enclosure Structure-CT Pipe Rack Structure-Design and Load Calculations for Leakoff Steam DS Skid-Condenser Foundation Arrangement oand Foot Loads-Design	6/27/02 7/10/02				JL	N-7/10/02		3	
STRUC-1	3021	00049	Siemens Westinghouse Documents 000-000-125-742 Calcs and Fogger Skid Anchorage 000-000-125-740 Found. Loads and Anchoring/Steam Turbine Seismic Loads 000-000-125-714 Struc Calcs & Drwgs	07/09/02				HK		Sent to JL (Industry 10/4)	1	
STRUC-1	3021	00093	Design Calculations for Vacuum Pump Skid for Main Steam Condenser - SC-26787-CBO	11/01/02							5	
STRUC-1	3021	00106	Siemens Westinghouse Calculation Revisions 1.) CTG Pipe rack structure SWPC-CM-007 2.) Design & load calculations for ST lube oil module 43237-LOAD 3.) Design &load Calc for leakproof Steam Skid 43277-LOAD 4.)W501F Turbine Enclosure Structure DA 182 5.)Condenser	11/21/02							1	
STRUC-1	3021	00108	Siemens Westinghouse Doc. Condition of Certification 1.) Steam Turbine Cross-over Pipe Calculations SWPC# 000-000-140-477	11/25/02							3	
STRUC-1	3021	00178	Siemens Westinghouse: Gland Seal Condenser 1 Calculation Calc: Howard Martin # 43225-Load	07/11/03	no yet						1	
STRUC-1	3022	00037	Roadway: Moved to CIVIL Section	00/00/00 00/00/00							1	1
STRUC-1	3022	00056	Roadway: Moved to CIVIL Section	08/02/02 08/22/02							3	3
STRUC-1	3022	00062	Roadway: Moved to CIVIL Section	08/21/02 09/12/02							2	2
STRUC-1	3022	00113	Roadway: Moved to CIVIL Section	12/6/2002 00/00/00								
STRUC-1	3022	000118	Roadway: Moved to CIVIL Section	12/23/02 01/07/03							8	8
STRUC-1	3020	00034	STG Platform Piles: Drawings and Calculations 02484-001-06-028 STG Foundation Rev. 0 S120 STG Pile Plan, Rev. 0				see00066 10/7/02	JL	6/24/2002	Approved but it was resubmitted as 3023 STG Platform Foundation Approved before Soil Analysis Change	2	2
STRUC-1	3023	00038	STG Platform Foundation: 7 Drawings: 1 Calculation Calc: 02484-001-06-028, R1 STG S120-R1, Steam Turbine Platform Pile Plan S125-R0, Steam Turbine Platform Foundation Plan S135-R0, Steam Turbine Platform Pile Cap Details S190-R0, Steam Turbine Platform Sections & Details S191-R0, Steam Turbine Platform Sections & Details S192-R0, Steam Turbine Platform Anchor Bolt Schedule	6/19/02		07/23/02	07/23/02	DN		David Newman responded with 8 comments	8	8

METCALF DOCUMENT SUBMITTAL RECORD CALPINE/B&R AND CBO													
WILLDAN CBO PROJECT NO. 13254													
Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments - Action Required	Documents		
				Issued Due	To Checker	From Checker	Response	Plan Check	Status		Submitted	Response	
STRUC-1	3023	00061	S193-RO, Steam Turbine Platform Enlarged Foundation Plan										
			STG Platform Foundation: 1 Letter, 1 Calc, 2 Drawings	8/15/02	10/04/02			JL		BREI responds to DN comments	4	4	
			Letter: 8/15/02 Response to CBO comments										
			Calc: 02484.001-06-028 R2, STG Platform Foundation Design										
STRUC-1	3023	00088	S125-R1, Steam Turbine Platform Foundation Plan										
			S190-R0, Steam Turbine Platform Sections & Details								7	7	
			STG Platform Foundation: 6 Drawings, 1 Calc.	10/28/02	11/06/02			EM GJ	Approved Unstamped	Calcs only to GJ on 11/6/02 Pile Plans approved			
			Calc: 02484-001-06-028, R3 STG Platform Foundation Design										
			S120-R2, Steam Turbine Platform Pile Plan										
			S125-R2, Steam Turbine Platform Foundation Plan										
			S135-R1, Steam Turbine Platform Pile Cap Details										
			S190-R2, Steam Turbine Foundation Sections & Details										
STRUC-1	3023	00096	S191-R1, Steam Turbine Foundation Sections & Details										
			S192-R1, Steam Turbine Platform Anchor Bolt Schedule								1	1	
			STG Platform Foundation Plan, Dated 11/01/02	11/5/02	11/06/02			EM GJ		Approved see Below	2	2	
			S193-R1	11/26/02									
STRUC-1	3023	00103	STG Platform Foundation: Response by Burns and Roe, Revised Drawing	11/03/02 12/04/02	01/15/03			GJ		Approved see Below			
			Letter: 11/13/02 Response to CBO comments										
STRUC-1	3023	000131	S192-R2, Steam Turbine Platform Anchor Bolt Schedule								14		
			STG Platform Foundation: 1Letter, 2 Calc, 11 Drawings	01/17/03 02/07/03	01/23/03	02/06/03	07/09/03	GJ	Approved 7/09/03				
			Calc. 02484-001-06-039, R0 Design of Slab STG	Pending									
			Calc. 02484-001-06-040, R0 STG Stair Tower- Foundation	Approved									
			S120-R0, STG Platform Pile Plan	Approved									
			S125-R3, STG Platform Foundation Plan	Approved									
			S135-R2, STG Platform Foundation Pile Cap Details	Approved									
			S160-R0, STG Area Slab Plan At E1.255'-6" 1/17/03	Approved									
			S161-R0, STG Area Enlarged Slab Plan '1'At E1.255'-6"	Approved									
			S162-R0, STG Area Enlarged Slab Plans '2' & '3' At E1 255'6"	Approved									
			S170-R0, STG Area Slab Plan At E1. 295'-0 1/2" (Oprting Floor)	Approved									
			S171-R0, STG Area Elevated Slab Details (Operating Floor)	Pending									
			S190-R3, STG Platform Foundation Sections & Details	Approved									
			S191-R3, STG Platform Foundation Sections & Details	Approved									
			S192-R3, STG Platform Anchor Bolt Schedule	Approved									
			STRUC-1	3023	000173	STG Platform Foundation: 2 Drawings	6/10/03		6/27/03	7/9/03	GJ		
			S171-R1, STG Area Elevated Slab Details (Operating Floor)										
STRUC-1	3023	000180	S193-R2, Steam Turbine Platform Enlarged Foundation Plan										
			STG Platform Foundation: 2 Drawings	7/22/03	not yet								
			S171-R2, STG Area Elevated Slab Details (Operating Floor)										

METCALF DOCUMENT SUBMITTAL RECORD CALPINE/B&R AND CBO											
WILLDAN CBO PROJECT NO. 13254											
Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments - Action Required	Documents
				Issued Due	To Checker	From Checker	Response	Plan Check	Status		Submitted Response
			STG Platform Foundation : 3 Calcs and 12 Drawings Active Drawings and Calcs for Final CBO Binder								
			Calc: 02484-001-06-028, R3 STG Platform Foundation Design	Approved	Active						
			Calc. 02484-001-06-039, R0 Design of Slab STG	Pending	Active						
			Calc. 02484-001-06-040, R0 STG Stair Tower- Foundation	Approved	Active						
			S120-R3, STG Platform Pile Plan	Approved	Active						
			S125-R3, STG Platform Foundation Plan	Approved	Active						
			S135-R2, STG Platform Foundation Pile Cap Details	Approved	Active						
			S160-R0, STG Area Slab Plan At E1.255'-6" 1/17/03	Approved	Active						
			S161-R0, STG Area Enlarged Slab Plan "1" At E1.255'-6"	Approved	Active						
			S162-R0, STG Area Enlarged Slab Plans "2" & "3" At E1.255'-6"	Approved	Active						
			S170-R0, STG Area Slab Plan At E1. 295'-0 1/2" (Oprring Floor)	Approved	Active						
			S171-R0, STG Area Elevated Slab Details (Operating Floor)	Pending	Active						
			S190-R3, STG Platform Foundation Sections & Details	Approved	Active						
			S191-R3, STG Platform Foundation Sections & Details	Approved	Active						
			S192-R3, STG Platform Anchor Bolt Schedule	Approved	Active						
		++	S193-R2, Steam Turbine Platform Enlarged Foundation Plan	Approved	Active						
STRUC-1	3023A	00065	STG Access Stair: 1Drawing, 1 Calc.	09/20/02		12/19/03		GJ			
			Calc. 024-001-06-030 Exciter Access Stairs & Platform								
			S720-R0, Exciter Access Platforms Plan Sections & Details								2 2
	3023A	000133	STG Access Stair: 1 letter, 1 drawing	01/17/03 02/07/03	01/29/03	02/06/03		GJ	Checker Approved		
			Letter: 11/15/03 Response to CBO Comments								
			S720-R1, Access Platform								2 NA
STRUC-1	3024	00039	Visual Screen Foundation: Design Loads - Calculations and Drwg SS-1A, Foundation Load Plan	6/20/02 7/12/02		07/23/02	See 00068		N-7/23/02		10
STRUC-1	3024	00058	Visual Screen: Detail Calculations and Dwgs SS1 to SS9	8/02/02 8/23/02						Need comments back, more detail	1 1
STRUC-1	3024	00068	Visual Screen: Burns & Roe Response to Willdan-David Newman Foundation Load Plan drwg SS1-A	09/08/02 09/27/02	To Check 10/29/02	From Check 10/30/02		GJ EM	Approved Unstamped	Bart found approval comments 1/29/03	11 11
STRUC-1	3024	000134	Visual Screen: 1 Calc, 10 Dwgs: Calculation GGHL# 201044.03 SS-1.Rev 1 Foundation Plan SS-1A.Rev 1 Foundation Foundation Load Plan SS-2. Rev 1 Foundation Plate Details - Not Approved SS-3. Rev 1 Foundation Pile Cap Detail PC-8C SS-4. Rev 1 Foundation Pile Cap Detail PC-8A & Pile Section SS-5. Rev 1 Foundation Pile Cap Detail PC-6A SS-6. Rev 1 Foundation Pile Cap Detail PC-8B SS-7. Rev 1 Foundation Pile Cap Detail PC-8D SS-8. Rev 1 Foundation Pile Cap Detail PC-20A SS-9. Rev 1 Piers on Two HRSG Bases - Not Approved	01/21/03 02/11/03	1/29/2003	01/31/03	03/12/03	GJ	Partial Approval	Status: 14" Pile Design Approved Basic Foundation Piers Approved Required: Base Plate Calculations (SS-2 Not Approved) Calculation of HRSG #2 Foundation (SS-9 Not Approved)	2 2

METCALF DOCUMENT SUBMITTAL RECORD CALPINE/B&R AND CBO											
WILLDAN CBO PROJECT NO. 13254											
Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates					Comments - Action Required	Documents	
				Issued Due	To Checker	From Checker	Response	Plan Check	Status		
STRUC-1	3025	00041	Specifications: 3 Documents Spec# 02721-R0 Aggregate Base Course Spec# 02740-R0 Asphalt Paving Spec# 03200-R1 Concrete Reinforcement	6/24/2002					A-7/23/02	Will resubmit 2 copies	6
STRUC-1	3025	000181	Specifications: 1 Document Spec# 03200-R2 Concrete Reinforcement Spec# 05120-R2 Structural Steel	07/29/03						Packet has 2 documents. See 3019-000181 for other doc	
STRUC-1	3026	00042	Pile Submittals-MORT.01-00-0002 Pile Driving Hammer MORT.01-00-0003-Pile Driving Crane Data Sheet MORT.01-00-0004-Pile Driving Analyzer Data Sheet MORT.01-00-0005-Ground Vibration Equipment Data MORT.01-00-0006-Noise Monitoring Plan MORT.01-00-0009-Pile L	06/26/02	To Check 10/04/02			JL		Sent to JL (Industry 10/4) May have been returned. Needs "Black-Box" review	1 1
STRUC-1	3027	00043	Cooling Tower calcs Rev. 0	6/27/02 7/22/02		7/23/2002			N-7/23/02	Rejected	8 8
STRUC-1	3027	00060	Cooling Tower Foundation: Burns & Roe response to 00043 Calculations 02484-001-06-010 Rev 1 and drawings S350, S351, S352, S355, S356, S357 AND S363 Rev 1	8/12/02 9/04/02	10/10/02		see CBO 00076		10/10/02 superceded		7 7
STRUC-1	3027	00076	Cooling Tower: Dwgs & Calc. Cooling tower Basin redesign for pile capacity Calcs 02484-001-06-010 Rev 2, S350.-S351, S352, S355, S356, & S363 Rev 2 dated 9/24/02	10/9/2002					C-10/15/02	Conditionally approved by Don Wimberly Approved Disposition dated 10/22/02	5 5
STRUC-1	3027	00094	Cooling Tower: Piles in Pump Pit Area and Inlet Header Foundations Pump Pit Found Calcs 02484-001-06-011 Rev. 0	11/04/02 11/18/02	To Checker 11/08/02	Fro Check 11/13/02	To Engineer 11/13/02	EM GJ	Approved Unstamped	CT Piles (less pump pit area) were approved via BB e-mail on 11/13/02 with comments resulting in correspondence.	8 8
STRUC-1	3027	000101	Cooling Tower Structure & Foundations S360, S361, S364, S365, S366, S367, S368 Rev 0 dated 11/01/02Calcs 02484-001- 06-011submitted in previous packet.	11/07/02 11/29/02	To Checker 11/13/02	Fro Check 11/18/02	To Engineer 11/25/02	EM GJ	Re-designed	Pump pit structure comments were significant. Pump area was re-designed and submitted on CBO #000117 on 12/23/02	6 6
STRUC-1	3027	000115	Cooling Tower Foundation: Drawings, dwgs: S355 R3, S356 R3, S357 R3, S362 R0, S363 R3, S368 R1	12/11/02 1/02/03	To Checker 12/13/02	Fro Check 12/18/02	To Engineer 12/20/02	GJ	Not Approved	Comments need response from engineer	7 3
STRUC-1	3027	000117	Cooling Tower Pump Structure Dwgs & Calc. Calc: 02484.001- 06-011 Draw: S361 R1, S364 R1, S365 R1, S366 R1, S367 R1, S368 R2	12/23/02 01/15/03	To Checker 01/07/03			GJ			5 0
STRUC-1	3027	000125	Cooling Tower Foundation: Drawings, Response to Comments dwgs: S355 R4, S356 R4, S357 R4, S362 R1, S363R4	01/03/02 01/23/03	To Checker 01/09/03	From Check 01/21/03	Approved	GJ	Approved Unstamped		
STRUC-1	3027	000127	Cooling Tower Pump Structure: Supplemental Drawing S860R0 Access Stair	01/07/03 01/28/03	To Checker 01/09/03	02/06/03		GJ	Checker Approved		18 NA

METCALF DOCUMENT SUBMITTAL RECORD CALPINE/B&R AND CBO														
WILLDAN CBO PROJECT NO. 13254														
Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments - Action Required	Documents			
				Issued Due	To Checker	From Checker	Response	Plan Check	Status		Submitted	Response		
STRUC-1	3028	00045	STG Pedestal: 17 Drawings 1 Calc.	6/27/02 7/22/02			7/23/2002	DN	Not Approved	Significant number of comments by David Newman on July 23 2002 but replied to on 3032-000055 (below) and later approved. CBO to check note on what this supercedes. Note said "supercedes 3020-0003"				
			Calc: 0284-001-06-005, R0		Superceded									
			S245-R0, STG/Generator Pedestal Foundation Plan	Approved	Superceded									
			S246-R0, STG/Generator Pedestal Foundation Sections & Detail	Not OK	Superceded									
			S247-R0, STG/Generator Pedestal Misc. Sections & Details	Approved	Superceded									
			S250-R0, STG/Generator Pedestal Operating Floor Plan	Approved	Superceded									
			S255-R0, STG/Generator Pedestal Operating Floor Embed Plan	Approved	Superceded									
			S260-R0, STG/Generator Pedestal Operating Floor Reinforc Pla	Approved	Active									
			S265-R0, STG/Generator Pedestal Concrete Section	Approved	Superceded									
			S266-R0, STG/Generator Pedestal Concrete Secction	Approved	Superceded									
			S267-R0, STG/Generator Pedestal Concrete Sections	Approved	Superceded									
			S268-R0, STG/Generator Pedestal Concrete Sections	Approved	Superceded									
			S269-R0, STG/Generator Pedestal Concrete Sections	Approved	Superceded									
			S270-R0, STG/Generator Pedestal Concrete Sections	Approved	Superceded									
			S271-R0, STG/Generator Pedestal Concrete Sections	Approved	Superceded									
			S272-R0, STG/Generator Pedestal Concrete Sections	Not OK	Superceded									
			S273-R0, STG/Generator Pedestal Concrete Sections	Not OK	Superceded									
			S275-R0, STG/Generator Pedestal Embdment Sections & Detail	Not OK	Superceded									
			S276-R0, STG/Generator Pedestal Embdment Sections & Detail	Approved	Superceded									
STRUC-1	3032	00055	STG Pedestal: 1 Letter, 4 Drawings	08/01/02 08/22/02	xx	xx	10/28/02	JL	Approved		5	5		
			Letter: 8/01/02 Response to CBO comments of 7/23/02	Approved	NA									
			S246-R1, STG Pedestal Foundation Sections & Details	Approved	Superceded									
			S272-R1, STG Pedestal Concrete Sections	Approved	Superceded									
			S273-R1, STG Pedestal Concrete Sections	Approved	Superceded									
			S275-R1, STG, Pedestal Embedment Sections & Details	Approved	Superceded									
STRUC-1	3028	00081	STG Pedestal Foundations Piling: 2 Calculations and 1 Drawings	10/03/02 10/10/02			10/28/2002	JL	Approved		3	3		
			Calc. 0284-001-06-005-R2 STG Pedstal Pile Foundation Design	Approved	Active									
STRUC-1	3028	00154	Calc. 0284-001-06-005-R1 STG Pedstal Foundation Design	Approved	Active									
			S240-R1, STG Pedestal Pile Plan	Approved	Active									
			STG Pedestal: 11 Drawings:	3/21/03 4/04/03	05/22/03	05/30/03	06/04/03	GJ	Approved 7/01/03	One comment on Rebar spacing affecting 1 drawings only resolved between checker	11	11		
			S245-R1, STG Pedestal Foundation Plan	Approved	Superceded									
			S246-R2, STG Pedestal Foundation Sections	Approved	Active									
			S247-R1, STG Pedestal Misc. Sections	Not OK	Superceded									
			S250-R1, STG Pedestal Operating Floor Plan	Approved	Superceded									
			S255-R1, STG Pedestal Operating Floor Imbedment Plan	Approved	Superceded									
			S265-R1, STG Pedestal Concrete Section	Approved	Active									
			S269-R1, STG Pedestal Concrete Sections	Approved	Superceded									
			S270-R1, STG Pedestal Concrete Sections	Approved	Active									
			S271-R1, STG Pedestal Concrete Sections	Approved	Superceded									
			S275-R2, STG Pedestal Imbedment Sections	Approved	Active									
			S276-R1, STG Pedestal Imbedment Sections	Approved	Superceded									
			STRUC-1	3028	000176	STG Pedestal: 9 Revised Drawings:	7/03/03 7/18/03	07/08/03	07/29/03		GJ	Checker Approved	Drawings revised as a condition of CBO our approval letter. Received 7/07/03	9
S245-R2, STG Pedestal Foundation Plan	Pending	Active												
S247-R2, STG Pedestal Misc. Sections	Pending	Active												

METCALF DOCUMENT SUBMITTAL RECORD CALPINE/B&R AND CBO												
WILLDAN CBO PROJECT NO. 13254												
Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments - Action Required	Documents	
				Issued Due	To Checker	From Checker	Response	Plan Check	Status		Submitted	Response
			S250-R2, STG Pedestal Operating Floor Plan	Pending	Active							
			S255-R2, STG Pedestal Operating Floor Imbedment Plan	Pending	Active							
			S266-R1, STG/Generator Pedestal Concrete Secction	Pending	Active							
			S268-R1, STG/Generator Pedestal Concrete Sections	Pending	Active							
			S269-R2, STG Pedestal Concrete Sections	Pending	Active							
			S272-R2, STG Pedestal Concrete Sections	Pending	Active							
			S276-R2, STG Pedestal Imbedment Sections	Pending	Active							

METCALF DOCUMENT SUBMITTAL RECORD CALPINE/B&R AND CBO												
WILLDAN CBO PROJECT NO. 13254												
Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments - Action Required	Documents	
				Issued Due	To Checker	From Checker	Response	Plan Check	Status		Submitted	Response
STRUC-1	3028	000183	STG Pedestal: 2 Revised Drawings: S270-R2, STG Pedestal Concrete Sections S273-R2, STG Pedestal Concrete Sections	08/13/03 Pending Pending		Active Active		GJ	Checker Approved		9	9
STRUC-1	3028	000197	STG Pedestal: 3 Revised Drawings, 2 "new" drawings S-268-R2, STG/Generator Pedestal Concrete Sections S-269-R3, STG Pedestal Concrete Sections S-270-R3, STG Pedestal Concrete Sections S-728-R1 Steam Turbine Enclosure location Plan S-729-R1 Steam Turbine Enclosure Support	09/29/03	10/15/03							
			STG Pedestal: 2 Calcs and 17 Drawings Active Calcs and Drawings for Final CBO Binder			Calpine	BREI					
			Calc. 0284-001-06-005-R2 STG Pedestal Pile Foundation Design	Approved	Active	Stamped						
			Calc. 0284-001-06-005-R1 STG Pedestal Foundation Design	Approved	Active	Stamped						
			S240-R1, STG Pedestal Pile Plan	Approved	Active	Stamped						
			S245-R2, STG Pedestal Foundation Plan	Approved	Active	Stamped						
			S246-R2, STG Pedestal Foundation Sections	Approved	Active	Stamped						
			S247-R2, STG Pedestal Misc. Sections	Approved	Active	Stamped						
			S250-R2, STG Pedestal Operating Floor Plan	Approved	Active	Stamped						
			S255-R2, STG Pedestal Operating Floor Imbedment Plan	Approved	Active	Stamped						
			S260-R0, STG/Generator Pedestal Operating Floor Reinforc Pla	Approved	Active	Stamped						
			S265-R1, STG/Generator Pedestal Concrete Section	Approved	Active	Stamped						
			S266-R1, STG/Generator Pedestal Concrete Secction	Approved	Active	Stamped						
			S-267	Approved	Active	Stamped						
			S268-R1, STG/Generator Pedestal Concrete Sections	Approved	Active	Stamped						
		xx	S269-R2, STG Pedestal Concrete Sections	Approved	Active	Stamped						
			S270-R2, STG Pedestal Concrete Sections	Approved	Active	Stamped						
			S271-R1, STG Pedestal Concrete Sections	Approved	Active	Stamped						
			S272-R2, STG Pedestal Concrete Sections	Approved	Active	Stamped						
		xx	S273-R2, STG Pedestal Concrete Sections	Approved	Active	Stamped						
			S275-R2, STG Pedestal Imbedment Sections	Approved	Active	Stamped						
			S276-R2, STG Pedestal Imbedment Sections	Approved	Active	Stamped						

METCALF DOCUMENT SUBMITTAL RECORD CALPINE/B&R AND CBO													
WILLDAN CBO PROJECT NO. 13254													
Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments - Action Required	Documents		
				Issued Due	To Checker	From Checker	Response	Plan Check	Status		Submitted	Response	
STRUC-1	3028A	00098	STG Pedestal Access Platform: 1 Calculation, 1 Drawing	11/07/02 11/27/02	To Checker 11/25/02	12/19/2003	1/15/2003	GJ	Not Approved	Significant comments on drawing S715 and one Calculation comment precludes approval at this time.			
			Calcs. 02484-001-06-033, STG Platform 275'-6" -Steel Design								2		
			S715-R0, STG Pedestal Access Platform										
STRUC-1	3028A	000145	STG Pedestal Access Platform: 1 Letter, 1 Drawing	02/28/02 03/14/02	03/07/03	3/14/2003		GJ	Checker Approved				
			Letter: 2/28/03 Reponse to CBO comments 1/14/03										
			S715-R1, STG Generator Pedestal Access Platform										
STRUC-1	3028B	000152	Circ Water Pipe with Calc from 3020 Moved to Section 3041 Cir Pipe Support	03/12/03 03/24/03							2	2	
STRUC-1	3029	00047	CTG: S206ctg Units 1& 2 Rev 1	07/22/02 07/25/02					C-9/30/02 Verbal	Disposition dated 10/9/02	4	0	
STRUC-1	3029	000120	CTG Containment Trench: 1 Calculation and 2 drawings	12/27/02	01/07/03	01/15/03		GJ	Approved with Note	Note says suggest providing expansion joints. See Packet # 3059 for Revised Drawing	1	1	
			calc# 02484-001-06-041										
			S-225-R0										
			S-226-R0										
			S-227-R0										
STRUC-1	3030	00052	Drawing S108, Rev 4	07/23/02 08/12/02					A-9/30/02		2	2	
STRUC-1	3031	00053	Precast Concrete Electrical Manholes, Rev 0 Spec. 02885 02315 Earthwork Rev 0	07/26/02 08/16/02					C-10/9/02		2		
STRUC-1	3031	00079	Earthwork Specifications: 2 Specifications	09/30/02 10/17/02				EM		Being reviewed by Eric Moran			
			Spec. 02315 Rev 1 Earthwork										
			Spec. 02821 Rev 0 Chain Link Fences and Gates										
STRUC-1	3031	000148	Earthwork Specification: Spec. 02315, Rev. 2	03/10/03 No rsp rq'd				RS			0	0	
STRUC-1	3032	000055	Moved to Section 3028	08/01/02 08/22/02									
STRUC-1	3034	000063	BOP Electrical / Control Building: 1 Calculation, 13 Drawings	08/22/02 09/13/02	1/28/2003	02/03/03	verbal CBO meeting 2/04	EM HK	Approved Unstamped	History: Not listed here till 11/26/02. Sent to EM on 10/16/02 Re-sent as noted. EM approved over phone	14	14	
			Calc: 0284-001-06-032	Active									
			A100-R0	Active									
			A105-R0	Active									
			A131-R0	superceded									

METCALF DOCUMENT SUBMITTAL RECORD CALPINE/B&R AND CBO													
WILLDAN CBO PROJECT NO. 13254													
Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments - Action Required	Documents		
				Issued Due	To Checker	From Checker	Response	Plan Check	Status		Submitted	Response	
			A133-R0	superceded									
			A140-R0	superceded									
			A141-R0	superceded									
			A150-R0	superceded									
			A158-R0	superceded									
			A175-R0, BOP Elec/Ctrl Bld Door & Finish Schedules & Types	superceded									
			A180-R0, BOP Elec/Ctrl Bld Typ Door Frame & Louver Details	superceded									
			S620-R0, BOP Elec/Ctrl Bld Roof Framing Plan	superceded									
			S621-R0, BOP Elec/Ctrl Bld Roof Slab Plan	superceded									
			S622-R0, BOP Elec/Ctrl Bld Sections & Details	superceded									
STRUC-1	3034	000174	BOP Electrical / Control Building: 11 Drawings	6/10/03 6/24/03				HK		Needs to be Reviewed for changes			
			A131-R1, BOP Elec/Ctrl Bld Roof Plan										
			A133-R1, BOP Elec/Ctrl Bld Typ Roof Penetration Details										
			A140-R1, BOP Elec/Ctrl Bld South & East Elevations										
			A141-R1, BOP Elec/Ctrl Bld North & West Elevations										
			A150-R1, BOP Elec/Ctrl Bld Wall Sections & Partition Types										
			A158-R1, BOP Elec/Ctrl Bld Misc Wall Sections & Details										
			A175-R1, BOP Elec/Ctrl Bld Door & Finish Schedules & Types										
			A180-R1, BOP Elec/Ctrl Bld Typ Door Frame & Louver Details										
			S620-R1, BOP Elec/Ctrl Bld Roof Framing Plan										
			S621-R1, BOP Elec/Ctrl Bld Roof Slab Plan										
			S622-R1, BOP Elec/Ctrl Bld Sections & Details										
STRUC-1	3035	00085	Siemens STG Enclosure	10/15/02 11/04/02							2	0	
STRUC-1	3036	00070	CTG Inlet Air Filter & Silence foundation: Calcs 02484-001-06-027 Rev 0 Drawing S220 Rev 0	09/17/02 10/01/02							3	0	
STRUC-1	3036	000075	CTG: Drawings & calculations sound Barrier CTG inlet Calcs 02484-001-06-031 Rev. 0 dated 9/19 Drwg S768 Units 1&2 Rev0 and S769 Units 1&2 Rev 0	09/25/02 10/18/02							9	0	
	3036	000129	CTG: Air Filter Housing Structural Steel Calculations and drawings, Siemans / Carlton Eng / Pneumafil Mfg	01/13/03 02/03/03		pending				Package needs to be reviewd by Structural Eng Secondary to Main Concrete Foundations			
STRUC-1	3036	000129	CTG Equipment: Starter Package 1-Calculation 9-Drawings	04/07/03 04/28/03									
STRUC-1	3036	000168	CTG Equipment:Noise Abatement Structure 1 Calculation Booklet	05/07/03 05/28/03	05/22/03	06/03/03	Verify	GJ HK	Not Approved By Checker	Find notes from Checker	4	4	
STRUC-1	3036	000201	CTG Equipment:Noise Abatement Structure 1 Calculation Booklet	10/7/2003									

METCALF DOCUMENT SUBMITTAL RECORD CALPINE/B&R AND CBO											
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Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments - Action Required	Documents
				Issued Due	To Checker	From Checker	Response	Plan Check	Status		Submitted Response
STRUC-1	3037	00072	Pile Load Testing: Lowney's conclusions and Recommendations and the following documents: Pile driving records (for all 27 piles)-PDA results (for all 27 piles)-CAPWAP results (for 24 blows on 14 separate piles)-Pile load test results-Specs 02472 Rev. 1,	09/19/02			Supersedes 3018		A-10/22/02	replaces all of 3018 per transmittal records this submittal is part of 3017 CBO 00073	
STRUC-1	3038	00077	PDC's: Moved to ELECT Section	09/25/02 10/09/02							3 3
STRUC-1	3039	00078	Boiler Feedwater Pump Foundation: Calc 02484-001-06-016 Drawing S320 Rev.0, Section and Details S321 Rev. 0	09/27/02				E. Moran	A-10/31/02		1
STRUC-1	3040	00082	Drawing S110, Rev 1 & Design Criteria Rev. 1	10/3/2002							1 1
STRUC-1	3041	00090	Circ Water Pipe Support : Dwg S730, Rev. 0 Referred to Calc from STG Platform 3020	10/30/2002	To Check 11/06/02	From Check 11/19/02	To Engineer 01/23/03	JL	Not Approved	Calcs from 3020-00087 STG Platform Major Comment. Watch this one.	27 27
STRUC-1	3028B	000152	Circ Water Pipe Support: 1 Calculation, 1 Drawing Calcs. 02484-001-06-029-R2, STG Platform Foundation Design S730-R1, Cir. Water Pipe Support Frame Plan Sec & Detail	03/12/03							2 2
STRUC-1	3042	00092	Pipe Rack Structure: Calcs 02484-001-06-022, Pipe Rack Steel Design, Rev. 0 Drwgs S900, S901, S902, S903, S904, S905, S906, S930, S931, S932, S940, S941, S942, S943, S944, S945, S950, S951, S952, S953, S954, S955, S956, S958, S959, S965 Rev 0 dated 10/	10/31/2002	To Checker 12/03/02	Fro Check 12/09/02	To Engineer 12/20/02	GJ	Not Approved	Major Scope: Significant number of comments need to be resolved	7 7
STRUC-1	3042	00111	Pipe Rack Foundation and Piles: Drawings & Calculations Pipe Rack Foundations, Calc# 02484-001-06-023 R0, Draw#: S530R0, S540R0, S550R0, S551R0, S552R0, S553R0	11/29/02	To Checker 12/04/02	Fro Check 12/20/20	To Engineer 12/20/02	GJ-EM	Not Approved	Eng. needs to get pile comment resolved. Remaining comments can be resolved later	5 0
STRUC-1	3042	000123	Pipe Rack Foundation and Piles: Response to CBO comments, Calc# 02484.001-06-023 Drwgs: S540 R1, S552 R1, S553 R1	12/31/2002	1/7/2003	1/21/2003	Recom'd Approve	GJ	Piles Approved	BB to review & prepare comments. Minor comment: Add a note on dwg: 540	4 0
STRUC-1	3042	000132	Pipe Rack Foundation: New Steel Platforms Calculation 02484-001-06-044-R0, Pipe Rack-Misc. Steel Platform Design Drawing S933-R0, Pipe Rack Misc. Access Platform Framing Plans, Sections Drawing S934-R0, Pipe Rack Misc. Access Platform Framing Plans, Sections Drawing S934-R0, Pipe Rack Misc. Access Platform Framing Plans, Sections	1/17/2002	1/23/2003	2/24/2003		GJ	Not Approved by Checker		30
STRUC-1	3042	000140	Pipe Rack Steel Structure: 1 Calculation 29 Drawings Drwgs: S553R2, S900R1, S901R1, S902R1, S903R1, S904R1, S905R1, S906R1, S930R1, S931R1, S932R1, S940R1, S941R1, S942R1, S943R1, S944R1, S945R1, S950R1, S951R1, S952R1, S953R1, S954R1, S955R1, S956R1, S958R1, S959R1, S965R1, S966R1, S967R1 Calc# 02484-001-06-22-R1	02/06/03	2/28/2003	3/6/2003		GJ	Not Approved by Checker		

METCALF DOCUMENT SUBMITTAL RECORD CALPINE/B&R AND CBO													
WILLDAN CBO PROJECT NO. 13254													
Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments - Action Required	Documents		
				Issued Due	To Checker	From Checker	Response	Plan Check	Status		Submitted	Response	
STRUC-1	3042	000155	Drawings for Pipe Rack Foundations Drawing S540-R2, Pipe Rack Foundation plan Drawing S550-R1, Pile Cap Details Drawing S551-R1, Pile Cap Details Drawing S552-R2, Pipe Rack Foundation Sections and Detail	03/21/03		Verify and Send				Find - Need to get to checker	5	0	
STRUC-1	3044	00097	STG Main Step-up Transformer: 1 Calculation, 4 Drawings Calcs 02484-001-06-008 S-567-R0 S-570-R0 S-577-R0 S-578-R0	11/07/02			08/13/03	GJ	Approved		3	3	
STRUC-1	3044	00110	STG Main Step-up Transformer: Drawings / Calcs Calc# 02484-001-06-008 R1 S577R1 S578 R1	11/27/02	12/05/02	12/11/02	12/20/02	GJ-EM	Not Approved	Comments need response from engineer	3	0	
STRUC-1	3044	000128	STG Main Step-up Transformer: 1 Letter, 1 Calculation, 2 Drawings Letter Response to CBO comments Calcs Calc# 02484-001-06-008 R2 S-577-R2 S-578-R2	01/08/03	01/14/03	01/16/03	08/13/03	GJ	Approved		1	0	
	3051 & 3059		STG Main Step-up Transformer: Recap of Current Drawings and Calculations Calcs 02484-001-06-008-R2 S-567-R0 Pile Design & Layout S-570-R1 Foundation Design S-577-R2 Foundation Sections & Details S-578-R2 Foundation Sections & Details				08/13/03	GJ	Approved				
	See 3059												
STRUC-1	3045	000100	Piles: Concrete-Filled Pipe Piles: Specs 02472-R2	11/08/02							1	0	
STRUC-1	3045	000137	Piles: Concrete-Filled Pipe Piles: Specs 02472-R3	01/28/03							2	2	
STRUC-1	3046	000102	HRSG: Drawing & Calculations for HRSG Unit 1- Calcs 02481-001-06-006 Mat Foundation for HRSG & Stack for Unit 1 Rev. 1 dated 11/07/02 - S300 HRSG Pile Location Plan, Unit 1 Rev1 Dated 11/07/02	11/07/02 11/29/02	To Checker 11/19/02	Fro Check 11/25/20		GJ-EM		Incomplete	4	4	
STRUC-1	3046	000112	HRSG Foundation Drawings - S305, S307, S310, S313	12/03/02 12/24/02	To Checker 12/05/02	Fro Check 12/20/20	To Engineer 12/20/02	GJ-EM	Not Approved	Comments need response from engineer	2	0	

METCALF DOCUMENT SUBMITTAL RECORD CALPINE/B&R AND CBO													
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Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments - Action Required	Documents		
				Issued Due	To Checker	From Checker	Response	Plan Check	Status		Submitted	Response	
STRUC-1	3046	000124	HRSB: Response to CBO Comments and Revised Foundation Plans Dwgs: S305 R2, S310 R2	12/31/02 01/22/03	To Checker 1/07/03	From Check 01/21/03	Approved	GJ	Approved Unstamped				
STRUC-1	3046	000142	HRSB: Foundation 8 Drawings S305-R3 Foundation Plan Unit 1 S306-R1 Foundation Plan Unit 2 S307-R2 Reinforcement Plan Unit 1 S308-R1 Reinforcement Plan Unit 2 S310-R3 Section Details Units 1&2 S311-R1 Section Details Units 1&2 S313-R2 Anchor Details Units 1&2 S315-R0 Equip Foundations Units 1&2	2/10/03 2/21/03	02/20/03	3/4/2003		GJ	Approved By Checker		7	0	
STRUC-1	3047	00109	CTG Main Step-Up and Auxillary Transformer Foundation: 1 Calculation & 6 Drawings:	11/27/02	08/13/03	08/22/03	08/22/03	GJ	Not Approved	Found forgotten package as a result of new package 3059 Iso-Phase Bus Sent to Gang with same package 3059	7	0	
			Calc.# 02484-001-06-036-R0				via Email Direct						
			S-571-R0 CTG Main SU & Aux Foundation Plan	See 3059									
			S-572-R0 CTG Main SU & Aux Foundation Plan	See 3059									
			S-574-R0 CTG Main SU & Aux Foundation Sects & Details	See 3059									
			S-575-R0 CTG Main SU & Aux Foundation Sects & Details	See 3059									
			S-576-R0 CTG Main SU & Aux Foundation Sects & Details	See 3059									
	3051 & 3059		S-579-R0 Station Svc Transf. Found Plan Sects and Details	See 3059									
STRUC-1	3047	00194	CTG Main Step-Up and Auxillary Transformer Foundation:	10/10/03	10/15/03								
			Calc.# 02484-001-06-036-R1										
			S-572-R2 CTG Main SU & Aux Foundation Plan										
			S-574-R2 CTG Main SU & Aux Foundation Sects & Details										
			S-575-R2 CTG Main SU & Aux Foundation Sects & Details										
			S-576-R2 CTG Main SU & Aux Foundation Sects & Details										
			S-577-R3 Foundation Sections & Details										
			S-578-R4 STG Main Step-up Trans Sections and Details										
			S-579-R3 Station Service Transformer Foundation Plans										
STRUC-1	3048	00114	Condensate Pump Foundation: Drawing and Calculation, calc# 02484-001-06-038 draw: S290R0	12/06/02 12/27/02	To Checker 1/09/03	01/15/03		GJ	Approved Needs Disposition	Add a note on dwg: 290 spec 1/2" anchor... Soloved Not Required	1	0	
STRUC-1	3049	00116	CTG Foundation Units 1&2 Drawing S206 R2	12/17/02	To Checker 12/18/02	VERIFY if sent	Was sent but N/A see note	GJ		This goes with Sub# 3017 and... Previous revision was approved on Sub # 3049	1	0	
STRUC-1	3050	000119	Manholes & Covers Specification 02607	12/23/02 01/15/03									

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				Issued Due	To Checker	From Checker	Response	Plan Check	Status		Submitted	Response	
STRUC-1	3051	000122	Station Service Transformer Foundations 1 Calculation 2 Drawings Calc# 02484-001-06-037	12/30/02 01/21/03	1/7/2003	1/15/2003	8/13/2003	GJ	Conditionally Approved	Distance between Transformer and wall verify.	3	0	
	3059 & 3044		S570 R1 STG Transformer S579 R1 Station Service Transformer Plan, Sections & Details										
	STRUC-1	3051	000122	Station Service Transformer Foundations 1 Letter of Explanation	8/20/2003					Approved			
STRUC-1	3052	none	Admin Building: Bechtel 3 Drawings: Drwg A1-8110, Drwg A2-8190, Drwg A5-8110	11/06/01									
STRUC-1	3053	000144	Excitation Transformer Foundation: 1 Drawing 1 Calc: Drwg: S585-R0 Excitation Transformer Foundation Calculation: 02484-001-60-043-R0	02/19/03	03/07/03	VERIFY if sent		GJ			5	0	
STRUC-1	3054	000158	Circuit Breaker (CB) Platform for CTGs: 2 Calcs, 3 Drwg: Calculation: Foundation 02484-001-60-025-R0 Calculation: Steel Platform 02484-001-60-048-R0 Drwg: S601-R0 CTG Units 1&2 CB Platform Foundation Drwg: S880-R0 CTG Unit #1 CB Platform Structure Drwg: S881-R0 CTG Unit #2 CB Platform Structure	03/26/03	04/10/03	04/15/05		GJ	Not Approved by Checker	Sent notes directly to BREI taking action	3	0	
STRUC-1	3055	000162	Water Tanks: Fire-Water & Demineralized: 1 Calcs, 2 Drwg: Calculation: Tank Foundation 02484-001-06-012-R0 Drwg: S519-R0 Water Tank Pile Layout Drwg: S111-R2 Pile Sect. Details Revised for Tank Piles	4/17/03 4/25/03	04/22/03	04/24/03	04/24/03	GJ	Not Approved	High Priority Review of piles needed Approved based on verbal clarifications			
STRUC-1	3055	000167	Water Tanks: 1 Calcs, 2 Drwg: Calculation:# 02484-001-06-012-R1 Drwg: S519-R1 Demineralized & Firewater Tanks Drwg: S110-R3 Composite Pile Plan	5/02/03 5/10/03	05/06/03	05/15/03		GJ	Checker Approved		2	0	
STRUC-1	3056	000164	Ammonia Tank Piles: 1 Calcs, 1 Drwg: Calculation:# 02484-001-06-020-R0 Drwg: S495-R0 Ammonia Tank & Dike Foundation & Pile	4/25/03 5/02/03	04/29/03	05/02/03		GJ	Not Approved by Checker		2	0	
STRUC-1	3057	000165	Gas Compressor Piles: 1 Calcs, 1 Drwg: Calculation:# 02484-001-06-049-R0 Drwg: S664-R0 Gas Compressor Foundation & Pile	5/01/03 5/09/03	05/06/03	05/08/03		GJ	Approved Piles Only	Review Completed Piles Approved Pile Cap Not Approved			
STRUC-1	3058	Calpine 00249	Switchyard Dead End Structure by Power Engineers Inc. 1 Calc, 1 Drawing: Calculation# 150312-01 Drawing# C02-1 Rev B	02/10/03		03/18/03	07/17/03	GJ	Conditionally Approved	Piles were approved via email on 3/19/03. Review comments require further action. Clarify Anchor Hardware and Incorporate			

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Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments - Action Required	Documents	
				Issued Due	To Checker	From Checker	Response	Plan Check	Status		Submitted	Response
STRUC-1	3059	000165	Isophase Bus Support Foundation: 11 Drawings, No Calcs, No Specs	08/05/03	08/13/03	08/22/03	08/22/03	GJ	Not Approved	Found an overlooked packet that realates to this packet. Found 3047 sent to Gang at same time as this one.		
	See 3029		S-225-R1 CTG #1 Containment Trench				Via email Direct					
	See 3029		S-226-R1 CTG #2 Containment Trench									
	3044 / 3051		S-570-R2 STG Main Step-up Transformer									
	See 3047		S-571-R1 CTG #1 Main Step-up Transformer									
	See 3047		S-572-R1 CTG #2 Main Step-Up Transformer									
	See 3047		S-574-R1 CTG Main Setp-Up Trans Sections and Details									
	See 3047		S-575-R1 CTG Main Setp-Up Trans Sections and Details									
	See 3047		S-576-R1 CTG Main Setp-Up Trans Sections and Details									
	3044		S-578-R3 STG Main Step-up Trans Sections and Details									
	3047 / 3051		S-579-R2 Station Service Transformer Foundation Plans									
	New		S-666-R0 Iso Bus Foundation									
STRUC-1	3059	000184	Isophase Bus Support Foundation: 3 Drawings, No Calcs, No Specs	08/13/03				GJ				
			S-170-R1, STG Platform Slab Plan At E1. 295'-0 1/2" (Opr Flr)									
			S-701-R3, STG Platform Framing Plan at Elevat 295'-01/2"									
			S-813-R2, STG Platform Steel Sections & Details									
STRUC-1	3059	000184	Isophase Bus Support Foundation: Letter of Clarification S-666-R1 Iso Bus Foundation	09/11/03	10/15/2003							
STRUC-1	30xx	000xxx	PDC Foundations: Calpine transmittal # 01349 - 9 Drawings BRE Calc # 02484-001-06-009 Via Email									
											Total:	Total:
Status Code											543	359
A - Approved				P - Approved upon sign-off by Engineer, Inspector or Geotech, or other Third Party indicated by CBO.								
I - Accepted as for information only				D - Discussion pending between CBO, Engineer, Geotech, Inspector or other party								
N - Not approved, returned with comments.				H - On hold by Mortenson/Calpine								
C - Approval Conditioned upon submittal of addt. Info.or replacement				R - Reversal of approval pending resolutions from outside agencies.								

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Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments	Documents	
				Issued	To Checker	From Ckeck	Resubmit	Plan Checker	Status		Submitted	Response
MECH-1	4002	000080	Piping System P&IDs: MT-P-2015-AST-001 Rev.1, Amonia Storage MT-P-2079-SSW-001 REV. 1, MT-P-2080-SWS-001 REV.2, MT-P-2081-SWS-002 REV.2, MT-P-2052-FWS-001 REV 2, Fire Water MT-P-2053-FWS-002 REV 2, Fire Water MT-P-2003-GEN-003 REV.0, MT-P-2004-GEN-004 REV.0, MT-P-2005-GEN-005 RE	10/1/2002 10/22/2002							9	
MECH-1	4002	000086	Waste Water Collection P&ID: 4 Drawings: MT-P-2084-WWC-001- 1 of 4, MT-P-2085-WWC-002- 2 of 4 MT-P-2086-WWC-003- 3 of 4 MT-P-2087-WWC-004- 4 of 4 Rev 1 dated 10/17/02 Circulation Water System: 1 Drawing MT-P-2042-CWS-00- 1of 3 Rev. 2 Fuel Gas P&ID: 3 Drawings MT-P-2046-FGS-001- 1 of 6, MT-P-2047-FGS-002- 2 of 6 MT-P-2046-FGS-003- 3 of 6 Fire Protection Arrangement: 1 Drawing Dwrg M203-R1	10/21/2002 11/11/2002							8	8
MECH-1	4002	000149	Fire Protection Arrangement: 1 Drawing Dwrg M203-R1	none						Send to Greg Carr	1	1
MECH-1	4003	000091	Fire Protection: 1 Spec and 4 Drawing Specification - Fire Risk Evaluation-Rev B M201 General Arrangement Plan at Grade M203 Fire Protection Arrangement MT-P-2052-FWS-001-R2 Fire Water P&ID MT-P-2053-FWS-002 -R2 Fire Water P&ID	10/30/2002 11/21/2002				GC			5	5
MECH-1	4003	000139	Fire Protection: 1 Drawing: General Arrangement Plan View M201-R2	01/30/03 02/20/03	02/03/03			HK	New		1	1
MECH-1	4003	000166	Fire Protection 6 Drawing MT-P-2042-CWS-001 Circulating Water System MT-P-2043-CWS-002 Circulating Water System MT-P-2044-CWS-003 Circulating Water System MT-P-2052-FWS-001 Fire Water MT-P-2053-FWS-002 Fire Water	5/1/2003	05/07/03			GC				
MECH-1	4004	000105	Mechanical Design Criteria: Specification #	11/21/02							1	1
MECH-1	4004	000XXX	Drawings Requested By CBO	01/20/03						In review of Fire Protection MTP-2052-FWS-001		
MECH-1	4011	xxxx	Burns & Roe NJ Review: 186 Drawings Various BREI Mechanical Drawings					HK		Refer To Excel Spreadsheet"Audit NJ Brei Drwgs.xls" For detailed list of documents		
											283	283

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				Issued	To Checker	From Ckeck	Resubmit	Plan Checker	Status		Submitted	Response
MECH-1	4011	xxxx	Burns & Roe NJ Review: 10 Drawings Various BREI Vendor Mechanical Drawings					HK		Refer To Excel Spreadsheet"Audit NJ Vendor Drwgs.xls" For detailed list of documents	0	0
MECH-1	4011	xxxx	Burns & Roe NJ Review: 04 Calculations Various BREI Mechanical Calculations					HK		Refer To Excel Spreadsheet"Audit NJ Brei Drwgs.xls" For detailed list of documents	0	0
MECH-1	4000	Calpine # 387	Cooling Tower Circ Pipe Drwgs: Requested to support RFI review 22 drawings	05/20/00	05/21/03			RS		Approval not required // For Info Only		
MECH-1	4050	000172	Fire Protection Plan: 1 Letter, 0 Calc, 0 Drawings	05/29/03	05/30/03						1	
			Letter 5/29/03, Response to 3 CBO Letters of 3/18/03, 3/19/03, & 4/15/03									
MECH-1	4050	000172	Fire Protection Plan: 1 Letter, 0 Calc, 0 Drawings	05/29/03	05/30/03							
MECH-1	4050	Calpine Letter 330	Clarification To FRPP- Fire Flow	03/03/04								
			Calpine Letter Dated 3/02/04									
Status Code											Total:	Total:
A - Approved				P - Approved upon sign-off by Engineer, Inspector or Geotech, or other Third Party indicated by CBO.							291	290
I - Accepted as for information only				D - Discussion pending between CBO, Engineer, Geotech, Inspector or other party								
N - Not approved, returned with comments.				H - On hold by Mortenson/Calpine								
C - Approval Conditioned upon submittal of addt. Info.or replacement				R - Reversal of approval pending resolutions from outside agencies.								

**METCALF DOCUMENT SUBMITTAL RECORD
CALPINE, B&R AND CBO**

WILLDAN CBO PROJECT NO. 13254

Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments	Documents			
				Issued Due	To Checker	From Checker	Reply	Plan Checker	Status		Submit	Respond		
ELEC-1	5001	000046	Electrical Grounding: 21 Drawings, No Calculations:	6/28/2002	xx	xx	05/15/03	BS ES	Approved	BS = Bob Snyder Disposition Dated 5/15/03 Sent via e-mail and Mailed 7-22-03	21	21		
			E200-R0			07/22/03								
			E201-R0	Superceded										
			E202-R0											
			E203-R0	Superceded										
			E204-R0											
			E205-R0	Superceded										
			E206-R0											
			E207-R0	Superceded										
			E208-R0											
			E209-R0	Superceded										
			E210-R0	Superceded										
			E212-R0	Superceded										
			E213-R0	Superceded										
			E214-R0											
			E215-R0	Superceded										
			E216-R0											
			E216-R0	Superceded										
			E230-R0											
			E231-R0											
			E232-R0											
			E233-R0											
ELEC-1	5001	000050	Electrical Grounding: 11 Revised Drawings & 1 Calculation Calculation: 2484-01-07-006 Rev. 1	7/18/2002 8/8/2002	xx	xx	10/22/02 07/22/03	BS ES	A-10/22/02	Disposition Dated 5/16/03 Sent via e-mail and Mailed 7-22-03	12	12		
			E201R1											
			E203R1											
			E205R1											
			E207R1											
			E208R1											
			E209R1											
			E210R1											
			E212R1											
			E213R1											
			E215R1											
			E216R1											
			CBO Letter of Concern Regarding Tank Grounding 3 July 2002											
			E209-R1											
			E230-R0											
ELEC-1	5001	000067	Cable Sizing Calcs: Underground: 02484-01-07-011 R0 Above Ground: 02484-01-07-012 R 0	8/30/2002 9/23/2002				ES			2	0		
ELEC-1	5001	000150	Underground and Above Ground Cable Sizing Calc: 2 Calculation:	5/11/03 04/02/03	05/29/03	06/11/03		ES	Approved		2	2		
			Calculation 02484-01-07-011, R1 Underground Cable Sizing Calculation 02484-01-07-012, R1 Above Ground Cable Sizing											
ELEC-2	5002	000057	Electrical One-Line Drawings: 20 Drawings	8/2/2002 8/23/2002	10/15/02	xx	10/09/03	ES	C-10/17/02	Conditionally approved but it was later determined: Drawing E104 was needed	18	18		

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				Issued Due	To Checker	From Checker	Reply	Plan Checker	Status		Submit	Respond
			E101, E102, E103, E105, E106, E107, E108, E109, E110, E111, E113, E114, E120, E121, E122, E123, E124, E125 REV 0				02/12/03	ES	Not Approved Sent Comments	Second review after receiving E-104 reveals significant comments	0	18
ELEC-2	5002	000104	Electrical Single-line Drawing: Draw: E-104 R1 sent in response to 2/12/03 letter	11/14/02	11/20/02		02/11/03	ES	Not Approved	Significant Number of comments sent to B&R via E-mail	1	1
ELEC-2	5002	No Sub Number	Electrical Single-line Drawings: E126B, E126A, E130B, E131B, E132B, E133A, E134A, E140A, E141B, E142B, E143A, E160R0, E161R0, E180A, E181A, E184A, E185A, E188A	xx/xx/xx				ES		These drawings were obtained by CBO at plant around mid-November. Elias prepared some comments, Drawings are preliminary and not for release and not officially submitted, so comments are being held by CBO.		
ELEC-2	5002	000151	Electrical One-Line Drawings: 1 Letter, 23 Drawings	03/13/03	04/07/03	04/29/03	05/02/03	ES	Approved	Approval of two previous submittals this subject: CBO# 000057 and CBO# 000104	24	24
			E101-R1, Electrical Symbols Sheet 1									
			E102-R1, Electrical Symbols Sheet 2									
			E103-R2, Electrical Symbols Sheet 3									
			E104-R2, Key One Line Diagram									
			E105-R1, Electrical Main One Line Diagram CTG #1									
			E106-R1, Electrical Main One Line Diagram CTG #2									
			E107-R1, Electrical Main One Line Diagram STG									
			E108-R2, 4160V Switchgear Bus 001A & 001B									
			E109-R2, 4160V Switchgear Bus 001A One Line Diagram									
			E110-R2, 4160V Switchgear Bus 001B One Line Diagram									
			E111-R2, 4160V Switchgear Bus 001B & STBY Gen									
			E113-R2, 4160V Cooling Tower MCC 011A									
			E114-R2, 4160V Cooling Tower MCC 011B									
			E120-R2, 480V Switchgear Bus 001A One Line Diagram									
			E121-R2, 480V Switchgear Bus 001B One Line Diagram									
			E122-R2, 480V Switchgear Bus 002A One Line Diagram									
			E123-R2, 480V Switchgear Bus 002B One Line Diagram									
			E126-R1, 480V Balance of Plant mcc 1-00-ELA-MC-021A									
			E130-R1, 480V HRSG #1 MCC 1-01-ELA-MC-014A									
			E131-R1, 480V HRSG #2 MCC 1-02-ELA-MC-014B									
			E132-R1, 480V Essential Svc's MCC 1-00-EGS-MC-001									
			E133-R1, 480V Water Treatment 1-00-ELA-MC-022A									
			E134-R1, 480V Water Treatment 1-00-ELA-MC-022B									
ELEC-1	5003	000074	Electrical Drawing-Underground conduits: 55 Drawings:	09/20/02	09/30/02	12/12/02	Response 12/17/02	ES	Conditional Approval	Major Scope Resulting a significant number of comments that need to be resolved by the engineer.	55	55
			E354, Rev 0, E300, E316, E319, E322, E323, E324 E326, Rev. 1						Not Stamped	Response by engineer in CBO-000130 makes possible to approve conditionally		
			E371, E376, E377,E378, E379, E381 E382, E383, E384, E385, E386 Rev 0									
			E301, E302, E303, E304, E305, E306, E307, E308, E310, E311 E312, E313, E315, E317, E329, E330, E331, E332, E333, E335 E337, E341, E342, E343, Rev. 0									
			E350, E351, E352, E353, E360, E362, E363 E364, E370, E374, E375 Rev. 1 dated 8/23 E314, E320, E327, E328, E370, Rev 2									
ELEC-1	5004 (5003)	000121	Electrical Design Criteria: 4 Drawings (spec sheets) SD-E-004-GEN-000 Legend SD-E-004-GEN-001 Tray SD-E-004-GEN-002 Duct Bank SD-E-004-GEN-003 Notes	12/27/02 01/20/03	To Checker 1/07/02	05/12/03	05/13/03	ES	Accepted	Accepted for info Only comments provided	4	4

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WILLDAN CBO PROJECT NO. 13254												
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				Issued Due	To Checker	From Checker	Reply	Plan Checker	Status		Submit	Respond
ELEC-1	5003	000130	Underground Conduit and Duct Banks: 1 Letter, 1 Spec, 3 Reports Letter Response to CBO comments of 12/17/02. Specification 16118 Manhole and Ducts Cable Schedule Raceway Report Cable Length Report	01/15/02 02/05/03	01/30/03		05/09/03	ES	Approved		5	5
ELEC-1	5003	000188	Underground Conduit and Duct Banks: 1 Letter, Follow-up Clarification	08/28/03	08/29/03			ES	Information Only			
ELEC-1	5003	000170	Manhole Rollout Details: 6 Drawings	5/16/03 5/30/03	05/19/03	05/29/03	06/11/03	ES	Approved		6	6
			E374 Electrical Manhole Rollout Details Sh 1									
			E375 Electrical Manhole Rollout Details Sh 2									
			E376 Electrical Manhole Rollout Details Sh 3									
			E377 Electrical Manhole Rollout Details Sh 4									
			E378 Electrical Manhole Rollout Details Sh 5									
			E379 Electrical Manhole Rollout Details Sh 6									
ELEC-1	5003	000169	Embedded Conduit & Duct Banks: 74 Drawings	5/14/03 5/28/03	05/19/03	05/29/03	06/11/03	ES	Approved		74	74
			E300 U/G Conduit Drawing Layout									
			E301 U/G Conduit Overall Site Plan									
			E302 U/G Conduit Plan Unit 1 Step-Up XFMR area									
			E303 U/G Conduit Plan Unit 1 Step-Up XFMR area									
			E304 U/G Conduit Plan Unit 2 Step-Up XFMR area									
			E306 U/G Conduit Plan CTG Unit 1 Area									
			E307 U/G Conduit Plan Unit 1 & 2 North Access Area									
			E308 U/G Conduit Plan CTG Unit 2 Area									
			E310 U/G Conduit Plan CTG Unit 1 Area									
			E311U/G Conduit Plan Unit 1 &2 North Access Area									
			E312 U/G Conduit Plan CTG Unit 2 Area									
			E313 U/G Conduit Plan Steam Turbine Area									
			E314 U/G Conduit Plan CTG Unit 1 Area									
			E315 U/G Conduit Plan Unit 1 & 2 North Access Area									
			E316 U/G Conduit Plan CTG Unit 2 Area									
			E317 U/G Conduit Plan Steam Turbine Area									
			E318 U/G Conduit Plan HRSG Unit 1 Area									
			E319 U/G Conduit Plan East Piperack Area									
			E320 U/G Conduit Plan HRSG Unit 2 Area									
			E321 U/G Conduit Plan Steam Turbine Area									
			E322 U/G Conduit Plan HRSG Unit 1 Area									
			E323 U/G Conduit Plan East Piperack Area									
			E324 U/G Conduit Plan HRSG Unit 2 Area									
			E325 U/G Conduit Plan Steam Turbine Area									
			E326 U/G Conduit Plan CTG Unit 1 Area									
			E327 U/G Conduit Plan CTG Unit 1 Area									
			E328 U/G Conduit Plan HRSG Unit 2 Area									

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WILLARD CBO PROJECT NO. 13254												
Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments	Documents	
				Issued Due	To Checker	From Checker	Reply	Plan Checker	Status		Submit	Respond
			E329 U/G Conduit Plan East Piperack Area									
			E330 U/G Conduit Plan HRSG Unit 1 CEMS Area									
			E331 U/G Conduit Plan HRSG Unit 2 CEMS Area									
			E332 U/G Conduit Plan HRSG Unit 2 CEMS Area									
			E333 U/G Conduit Plan Water Treatment Area									
			E335 U/G Conduit Plan Admin/Ctrl Rm/Warehouse Area									
			E336 U/G Conduit Plan Admin/Ctrl Rm/Warehouse Area									
			E337 U/G Conduit Plan Water Treatment Area									
			E339 U/G Conduit Plan Admin/Ctrl Rm/Warehouse Area									
			E340 U/G Conduit Plan Admin/Ctrl Rm/Warehouse Area									
			E341 U/G Conduit Plan Cooling Tower Area									
			E342 U/G Conduit Plan Cooling Tower Area									
			E343 U/G Conduit Plan Switchyard Area									
			E344 U/G Conduit Plan Water Treatment Area									
			E345 U/G Conduit Plan Water Treatment Area									
			E346 U/G Conduit Plan Water Treatment Area									
			E347 U/G Conduit Plan Water Treatment Area									
			E348 U/G Conduit Plan Water Treatment Area									
			E349 U/G Conduit Plan Water Treatment Area									
			E350 CTG Unit 1Embedded Conduit Plan - Sh 1									
			E351 CTG Unit 1Embedded Conduit Plan - Sh 2									
			E352 CTG Unit 1Embedded Conduit Plan - Sh 3									
			E353 CTG Unit 1Embedded Conduit Sections - Sh 1									
			E354 CTG Unit 1Embedded Conduit Sections - Sh 2									
			E355 U/G Conduit Plan Admin/Ctrl Rm/Warehouse Area									
			E356 U/G Conduit Plan Admin/Ctl Rm/Warehouse Area									
			E357 Cooling Tower Area									
			E358 Units 1 & 2 Step Up XFMR Area									
			E360 CTG Unit 2 Embedded Conduit Plan - Sh 1									
			E361 CTG Unit 2 Embedded Conduit Plan - Sh 2									
			E362 CTG Unit 2 Embedded Conduit Plan - Sh 3									
			E363 CTG Unit 2 Embedded Conduit Plan - Sh 1									
			E364 CTG Unit 2 Embedded Conduit Sections - Sh 2									
			E365 U/G Conduit Plan Unit 1 PDC Area									
			E366 U/G Conduit Plan Unit 2 PDC Area									
			E367 U/G Conduit Plan PDC - 5 Cooling Tower Area									
			E370 Duct Bank Installation Details									
			E371 Manhole Installation Details									
			E381 Duct Bank Sections - Sh 1									
			E382 Duct Bank Sections - Sh 2									
			E383 Duct Bank Sections - Sh 3									
			E384 Duct Bank Sections - Sh 4									
			E385 Duct Bank Sections - Sh 5									
			E386 Duct Bank Sections - Sh 6									
			E387 Duct Bank Sections - Sh 7									
			E388 Duct Bank Sections - Sh 8									

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Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments	Documents	
				Issued Due	To Checker	From Checker	Reply	Plan Checker	Status		Submit	Respond
ELEC-1	5003	000171	STG Operating Floor & Pedestal Embedded Conduit: 2 Drawings	5/19/03 6/02/03	05/22/03	05/29/03	06/11/03	ES	Approved		2	2
			E368 STG OP FLR Embedded Conduit Plan Sh 1									
			E369 STG OP FLR Embedded Conduit Plan Sh 2									
ELEC-1	5003	000169	Embedded Conduit & Duct Banks: 3 Revised Drawings	10/06/03								
			E-312-R3									
			E-308-R2									
			E-366-R1									
ELEC-1	3038		PDCs: 8 Drawings:	09/25/02 10/09/02	02/11/03	02/12/03		ES	Approved Not Stamped	Bart to Finish Disposition	8	0
			Drwgs E900-R1 Layout									
			E902-R1 CTG Unit 1									
			E903-R1 CTG Unit 2									
			E904-R1 HRSG Unit 1									
			E905-R1 HRSG Unit 2									
			E906-R1 Cooling Tower Unit 1									
			E907-R0 Water Treatment Area									
			E914-R0 Bus Layout									
ELEC-1	5004	000099	Voltage Calcs: Calcs 02484-001-07-002 Load Flow and Voltage Drop, Rev. 0 Calcs 02484-001-07-003 Short Circuit, Rev. 0	11/8/02 11/29/02	1/1/3103	4/30/2003	05/13/03	ES	Approved		2	2
ELEC-1	5004	000189	Voltage Calcs: 1 Letter: Follow-up Clarification	08/28/03				ES	Information Only			
ELEC-1	5005	000147	Lighting Plans: 32 Drawings 1 Calculation	03/4/03 3/17/03	04/09/03	04/29/03	05/01/03	ES	Approved	Approved with comments	33	33
			Calculation #2484-001-07-008 Light & Power Denisty									
			E146, Panel Schedules CTG Unit #1									
			E147, Panel Schedules CTG Unit #2									
			E148, Panel Schedules CEM/HRSG Unit #1									
			E149, Panel Schedules CEM/HRSG/Unit #2									
			E150, Panel Schedules Cooling Tower									
			E152, Panel Schedules BOP Electrical/Control									
			E600, Electrical Lighting Drawing Layout									
			E601, Electrical Lighting Plant Roadway Lighting									
			E602, Electrical Lighting STG BLD GND Sh1									
			E603, Electrical Lighting STG BLD GND Sh2									
			E604, Electrical Lighting STG BLD GND Sh3									
			E605, Electrical Lighting STG BLD MEZZ Sh1									

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Cond.	Pack. No.	CBO No.	Package Title	Review /Approval Dates						Comments	Documents	
				Issued Due	To Checker	From Checker	Reply	Plan Checker	Status		Submit	Respond
			E606, Electrical Lighting STG BLD MEZZ Sh2									
			E607, Electrical Lighting STG BLD MEZZ Sh3									
			E608, Electrical Lighting STG BLD Operating Sh1									
			E609, Electrical Lighting STG BLD Operating Sh2									
			E610, Electrical Lighting STG BLD Operating Sh3									
			E611, Electrical Lighting Cooling Tower									
			E612, Electrical Lighting CTG Unit #1 Plan View									
			E613, Electrical Lighting CTG Unit #2 Plan View									
			E614, Electrical Lighting HRSG Unit #1 Plan View									
			E615, Electrical Lighting HRSG Unit #1 East Elvat									
			E616, Electrical Lighting HRSG Unit #1 West Elvat									
			E617, Electrical Lighting HRSG Unit #2 Plan View									
			E618, Electrical Lighting HRSG Unit #2 East Elvat									
			E619, Electrical Lighting HRSG Unit #2 West Elvat									
			E620, Electrical Lighting Pipe Rack & Walkways									
			E651, Lighting Details & Fixture Schedule									
			E652, Lighting Control Diagram PDC 1, 2, 3									
			E653, Lighting Control Diagram PDC-3									
			E654, Lighting Control Diagram PDC-4									
			E655, Lighting Control Diagram STG BLD Electrical room									
ELEC-1	5005	000187	Lighting Plans: 1 Letter of Clarification	8/28/2003	08/29/03				Information Only	No response Required	1	1
ELEC-1	5005	000224	Lighting Plans: 14 Drawings	12/22/03					Approved	Approval for CBO only CEC provided their own comments.		
			E601, Electrical Lighting Plant Roadway Lighting									
			E609, Electrical Lighting STG BLD Operating Sh2									
			E612, Electrical Lighting CTG Unit #1 Plan View									
			E613, Electrical Lighting CTG Unit #2 Plan View									
			E615, Electrical Lighting HRSG Unit #1 East Elvat									
			E616, Electrical Lighting HRSG Unit #1 West Elvat									
			E617, Electrical Lighting HRSG Unit #2 Plan View									
			E618, Electrical Lighting HRSG Unit #2 East Elvat									
			E619, Electrical Lighting HRSG Unit #2 West Elvat									
			E620, Electrical Lighting Pipe Rack & Walkways									
			E651, Lighting Details & Fixture Schedule									
			E653, Lighting Control Diagram PDC-3									
			E654, Lighting Control Diagram PDC-4									
			E655, Lighting Control Diagram STG BLD Electrical room									
ELEC-1	5006	000000	Temporary Power: Drwg# E0.01 Single Line Diagram - Rosendin Electric	02/21/03	02/21/03	03/04/03	03/06/03	ES	not approved	9 Comments to be sent back to Deters		

Status Code

A - Approved
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C - Approval Conditioned upon submittal of addt. Info.or replacement

P - Approved upon sign-off by Engineer, Inspector or Geotech, or other Third Party indicated by CBO.
D - Discussion pending between CBO, Engineer, Geotech, Inspector or other party
H - On hold by Mortenson/Calpine
R - Reversal of approval pending resolutions from outside agencies.

Total: Total:

270 278

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				Issued Due	To Checker	From Checker	Response	Plan Checker	Status		Submit	Respond
STRUC-1	7001	Calpine Transmittal 00249	Switchyard Structure: 1 Calc, 1 Drawing: Power Engineers Inc. Calculation# 150312-01 Drawing# C02-1 Rev B	03/28/03	05/01/03			GJ	Approved	Sent note saying piles need to be on composite pile plan andsubmit in full size drawings	2	0
TSE	7002	Calpine Transmittal 00274	Switchyard Plans: 65 Drawings: C01 Foundation Plan EP02 Electrical Assembly Plan EP03-1 Electrical Elevations Sh 1 EP03-2 Electrical Elevations Sh 2 EP04 Fence & Grounding Plan EP05 Fence & Grounding Details EP10-1 Electrical Material List Sh 1 of 2 EP11 Assembly & Ctrl Blding Nameplate schedule	03/28/03	05/01/03			ES			65	
TSE	7002		E01 One-Line Diagram E02-1 Relay One-Line Diagram Sh 1 E02-2 Relay One-Line Diagram Sh 2 E03 Three-Line Diagram E04 Three-Line Diagram Circuit Breaker 242 E05 Three-Line Diagram Circuit Breaker 442 E06 Three-Line Diagram Circuit Breaker 232 E07 Three-Line Diagram Circuit Breaker 332 E08 Three-Line Diagram Circuit Breaker 432 E09 Three-Line Diagram 230kV Bus 1 & 2									
TSE	7002		E10 Station Service AC Panel Schematic E11 Station Service DC Panel Schematic E12 01-03-GSU-XF-301XFMR Differ Relay Schematic E13 Trmal Differ & CB 242 BKR Failure Relay Schematic E14 CB 442 Breaker Failure Relay Schematic E15 01-01-GSU-XF-101 XFMR Differ Relay Schematic E16 Trmal Differ & CB 232 BKR Failure Relay Schematic E17 CB 332 Breaker Failure Relay Schematic E18 01-02-GSU-XF-201 XFMR Differ Relay Schematic E19 Trmal Differ & CB 432 BKR Failure Relay Schemtic									
TSE	7002		E20-1 Annunciator Win Layout & Engraving E20-2 Annunciator Schematic Sh 2									
TSE	7002		E20-3 Annunciator Schematic Sh 3 E20-4 Annunciator Schematic Sh 4 E20-5 Annunciator Schematic Sh 5									
TSE	7002		E21-1 Breaker 242 Trip Cir #1 Schematic E21-2 Breaker 242 Trip Cir #2 Schematic E21-3 Breaker 242 Close Cir Schematic E21-4 Breaker 242 Alarm & AUX Schematic E21-5 Breaker 242 Motor, Heater & Receptacle Cir Sch E22-1 Breaker 442 Trip Cir #1 Schematic E22-2 Breaker 442 Trip Cir #2 Schematic E22-3 Breaker 442 Close Cir Schematic E22-4 Breaker 442 Alarm & AUX Schematic E22-5 Breaker 442 Motor, Heater & Receptacle Cir Sch E23-1 Breaker 232 Trip Cir #1 Schematic E23-2 Breaker 232 Trip Cir #2 Schematic E23-3 Breaker 232 Close Cir Schematic E23-4 Breaker 232 Alarm & AUX Schematic E23-5 Breaker 232 Motor, Heater &Receptacle Cir Sch									

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				Issued Due	To Checker	From Checker	Response	Plan Checker	Status		Submit	Respond
			E24-1 Breaker 332 Trip Cir #1 Schematic E24-2 Breaker 332 Trip Cir #2 Schematic E24-3 Breaker 332 Close Cir Schematic E24-4 Breaker 332 Alarm & AUX Schematic E24-5 Breaker 332 Motor, Heater & Receptacle Cir Sch E25-1 Breaker 432 Trip Cir #1 Schematic E25-2 Breaker 432 Trip Cir #2 Schematic E25-3 Breaker 432 Close Cir Schematic E25-4 Breaker 432 Alarm & AUX Schematic E25-5 Breaker 432 Motor, Heater & Receptacle Cir Sch									
TSE	7002	Calpine Transmittal 00274	E26-1 MOD 247 Trip & Close Cir Schematic Sh 1 E26-2 MOD 247 Heater & AUX Cir Schematic Sh 2 E29-1 Switchboard Panel Assembly Sh 1 of 2 E29-2 Switchboard Panel Assembly Sh 2 of 2 E30 Switchboard Panel Assembly Material List E31-1 Switchboard Panel Asmbly Nameplate Sched Sh 1 E31-2 Switchboard Panel Asmbly Nameplate Sched Sh 2									
TSE	7003	Calpine 00492	Underground 230 KV to Switch Yard 2 Drawings one Letter/Email	xx/xx/xx					Not Approved			
			Drwg: P1-1 Plan and Profile for 230kv Under Ground									
			Drwg: U1-1 Detail drawing for 230kv Underground									
			eMail Phase Certification By Dennis Weber 8/26/03									
TSE	7003	Calpine 00694	Underground 230 KV to Switch Yard 2 Drawings one Letter/Email	10/07/03					NOT APPROVED			
			Drwg: P1-1 Plan and Profile for 230kv Under Ground									
			Drwg: U1-1 Detail drawing for 230kv Underground									
TSE	7003	Calpine 00953	Underground 230 KV to Switch Yard 1 Letter, 1 Calc, 1 Certification	11/11/03			11/12/03		APPROVED			
			Certified Pull Tension Calculations									
			Calpine Letter # 300 transmittal									
			E-mail from Terry Kawaguchi Manufacturer's Certification									
Status Code											Total:	Total:
A - Approved				P - Approved upon sign-off by Engineer, Inspector or Geotech, or other Third Party indicated by CBO.							65	0
I - Accepted as for information only				D - Discussion pending between CBO, Engineer, Geotech, Inspector or other party								
N - Not approved, returned with comments.				H - On hold by Mortenson/Calpine								
C - Approval Conditioned upon submittal of addt. Info.or replacement				R - Reversal of approval pending resolutions from outside agencies.								